

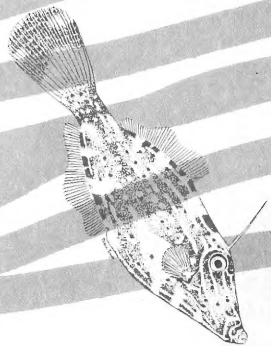
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DEAN bibliography of fishes 1969



The American Museum of Natural History New York



**DEAN bibliography
of fishes
1969**

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***The American Museum of Natural History
New York***

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To Robert G. Goelet

without whose help the *Dean Bibliography of Fishes*
could never have been started or carried on

Introduction

This computerized bibliographic analysis closely follows the principles and procedures that were developed to produce the initial 1968 volume. In order to make the bibliography virtually self-explanatory, and therefore easier to use, a finding index with detailed cross references has been added, as well as an index of systematic categories and an alphabetical list of serial titles.

In the preparation of this volume, the following persons and institutions have provided vital assistance and support: Miss Louise Schultz and her associates of the BioSciences Information Service, Dr. Donn E. Rosen, Dr. Gareth J. Nelson, and Mrs. Vivian Joan Oleen of the Department of Ichthyology, The American Museum of Natural History, and the Office of Science Information Service of the National Science Foundation (Grants GN-658.1.2.3.4).

During 1972 and 1973, a cooperative arrangement was negotiated between the *Dean Bibliography of Fishes* and *The Zoological Record* of The Zoological Society of London that will result in the incorporation of the *Bibliography* into the *Record* as Section 15 Pisces. The Zoological Society has accepted the *Dean Bibliography* in its computerized form and is also planning to utilize its system of indexing and computerization in the production of all the sections of the *Record*. Transitions from one method of publication to another are difficult at best, and the establishment of a joint publication will entail many small but necessary changes in the indexing and presentation of information. The period of transition will occupy the time that had previously been relegated for the preparation of the 1970 edition of the *Dean Bibliography*. As a consequence, there will be a lapse of one year in the production of the *Dean Bibliography of Fishes* and the next edition will appear as the 1971 Pisces section. The 1970 edition of *The Zoological Record* will contain the Pisces section produced by the regular method of that publication.

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| | Histology | | Oxidative metabolism | 805247 |
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| | Enzymology | 805222 | Host specificity | 804958 |
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| | Function | 804066 | <i>Scyliorhinus torazame</i> | |
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| | Experimental analysis | 806100 | Experimental analysis | 807112 |
| | Somatic sensory nervous system | | Galvanotaxis | |
| | Swimming | | Experimental analysis | 807112 |
| | Function | 803867 | Sphyrnidae | |
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| | Experimental analysis | 805865 | Distribution | 809101 |
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| Cestoda | | Distribution | 805475 | |
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| Venous system | | Popular names | 805860 | |
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| | Genotype | 805860 | Histology | |
| | Synonymy | 805860 | Development | 804064 |
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| | Genotype | 805860 | Calcitonin | |
| | <i>Scymnodon</i> | | Biochemistry | 803964 |
| | Genotype | 805860 | Calcitonin | |
| | Synonymy | 805860 | Biochemistry | |
| | Check list | 805860 | Effect on fish | 809076 |
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| | <i>Somniosus</i> | | Histology | 803949 |
| | Genotype | 805860 | Function | 803949 |
| | Synonymy | 805860 | ATP ase content and function | |
| | Check list | 805860 | Biochemistry | 806803 |
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| | Mammalia | | Hydrogen ion concentration | |
| | As predator | 805518 | Experimental analysis | 806809 |
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| Viviparity | | | Distribution | 805039 | |
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| Incidence of infection | 804080 | Melanin | | |
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| Host parasite interactions | 804080 | Histology | | |
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| | Descriptive evolution | 807964 | | | 808437 |
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| | Distribution | 804344 | <i>Culex inconstans</i> | |
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| | <i>Dactylopterus papilio</i> | 804482 | Guanine | |
| Dactylopteriformes | Distribution | 804344 | Biochemistry | 807464 |
| | <i>Dactylopterus volitans</i> | | Hypoxanthine | |
| | Fish communities | 806740 | Biochemistry | 807464 |
| Dactylopteriformes | Distribution | 807702 | | |
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| Chemical senses | | Experimental analysis | 803717 | (continued) |
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| Visual senses | | Gills | 803786 | |
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| Anatomy | | Enzymology | 809055 | |
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| Geographic variation | | Polymorphism | | |
| Appendicular skeleton | | Biochemistry | 805929 | |
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| Warning display | | Androgens | | |
| Function | | Effect on fish | | |
| Descriptive evolution | 804879 | Aggressive behavior | 809079 | |
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| Mating | 804880 | Seasonal sexual coloration | 808336 | |
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| Fish control agents | | Experimental analysis | 805156 | |
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| Geographic variation | 807543 | Geographic variation | 807543 | |
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| Anatomy | | Effect on fish | | |
| Function | 804167 | Light | 807656 | |
| Ion and water relationships | | Habitat preference | 807656 | |
| Prolactin | | Caryotype | 809055 | |
| Experimental analysis | 803592 | Isolating mechanisms | | |
| | 803806 | Experimental analysis | 807473 | |
| | 804759 | Seasonal sexual coloration | | |
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| Axial skeletal muscles | | Caryotype | 806181 | |
| Comparative enzymology | | Zoogeography | 804098 | |
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| Anatomy | | Ovarian cycles | 809062 | |
| Histology | 804258 | Testicular cycles | 808337 | |
| Development | 804258 | | 809062 | |
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| Anatomy | 803786 | Change with age | 805979 | |
| | 804895 | Host specificity | | |
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| Experimental analysis | 804754 | Monogenea | | |
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| Gasterosteidae (continued) | Seasonal changes | 805965 | Seasonal changes | 805961 |
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| | Parasite systematics | 806261 | Experimental analysis | 806144 |
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| | Parasite life history | 805965 | Aggressive behavior | |
| | Host parasite interactions | 804496 | Experimental analysis | 804573 |
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| | Parasite life history | | Experimental analysis | 804573 |
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| | Host specificity | 804123 | Brackish environment | 808751 |
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| Nematoda | | | Lethal environmental limits | 808554 |
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| | Intensity of infection | 807495 | Endrin | |
| | Host specificity | 804123 | Insecticide pollutants | 807381 |
| Acanthocephala | | | Nabam | |
| | Distribution of infection | 806904 | Insecticide pollutants | 807381 |
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| Hirudinea | | | Invalidation | 807572 |
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| Copepoda | | | Isolating mechanisms | |
| | Incidence of infection | 804488 | Experimental analysis | 807473 |
| | Intensity of infection | 807495 | Parasite systematics | 804757 |
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| | | 806415 | Courtship | 807473 |
| | | 806635 | Mating | 807473 |
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| | | 808471 | <i>Pungitius</i> | |
| | | 808982 | Relationships | 806181 |
| Populations | | | Axial skeletal muscles | |
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| | Armor | 807572 | Biochemistry | 806181 |
| | Polymorphism | | Cestoda | |
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| | Young | 805085 | Relationships | 806231 |
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| | | 806033 | Development | 806231 |
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| | | 808659 | Subspecies | 804859 |
| Interspecific competition | | 806851 | Popular names | 806282 |
| | | 807256 | Geographic variation | |
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| Food chains | | 807257 | Ecotypes | 804859 |
| Reproductive season | | 807275 | Distribution | 806282 |
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| | | 807008 | <i>Pungitius pungitius</i> | |
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| Hydrostatics | | 807979 | Synonymy | 804859 |
| Hydrodynamics | | 807979 | Subspecies | 804859 |
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| Polymorphism | | Fry | | |
| Biochemistry | 805929 | Function | 803669 | |
| Immunological reactions | | Gill arch teeth | | |
| Cestoda | 804458 | Anatomy | 807964 | Syngnathidae |
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| Fecundity | 806635 | Incidence of infection | 805934 | |
| | 806851 | Parasite systematics | 806417 | |
| Rate of growth | 806635 | Distribution | 806282 | |
| Starvation | | Larva | 808653 | |
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| Light | 807656 | Seasonal abundance | 805206 | |
| Habitat preference | 807656 | Hydrostatics | 807979 | |
| Geographic variation | | Hydrodynamics | 807979 | |
| Meristics | 804859 | Habitat preference | 807237 | |
| Armor | 805074 | | 807885 | |
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| | 805074 | Mudflats | 804821 | |
| Comparative enzymology | 806181 | Migrations | | |
| Caryotype | 806181 | Juvenile | 805205 | |
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| Habitat preference | | Distribution | 804183 | |
| Experimental analysis | 807656 | <i>Corythoichthys sealei</i> | | |
| Cilia | | Habitat preference | | |
| As parasite | 804123 | Coral reef | 805226 | |
| Parasite systematics | 804882 | <i>Doryichthys aculeatus</i> | | |
| Monogenea | | Habitat preference | 808019 | |
| Distribution of infection | 806667 | <i>Dunckerocampus</i> | | |
| Host specificity | 804123 | Reproduction | 806596 | |
| Digena | | <i>Hippichthys nox</i> | | |
| Incidence of infection | | Distribution | 807091 | |
| Seasonal changes | 809053 | <i>Hippocampus</i> | | |
| Parasite systematics | 806261 | Key | 808135 | |
| Cestoda | | Brood pouch | | |
| Incidence of infection | 806261 | Prolactin | | |
| Parasite life history | | Experimental analysis | 809072 | |
| Host specificity | 803978 | Distribution | | |
| Host specificity | 804123 | Larva | 806633 | |
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| Nematoda | | Habitat preference | 805205 | |
| Host specificity | 804123 | <i>Hippocampus erectus</i> | | |
| Acanthocephala | | Validation | 803709 | |
| Parasite systematics | 806261 | Habitat preference | 808788 | |
| Copepoda | | Fish control agents | | |
| Host specificity | 804123 | Antimycin | | |
| Distribution | 804407 | Lethal environmental limits | 807806 | |
| | 804859 | <i>Hippocampus hippocampus</i> | | |
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| | 806635 | Anatomy | 804562 | |
| | 807018 | Metencephalon | | |
| | 807430 | Histology | | |
| Population structure | 806617 | Function | 804563 | |
| Population density | 806851 | <i>Hippocampus kuda</i> | | |
| Interspecific competition | 806851 | Chloride cells | | |
| Gut contents | | Histology | | |
| Change with age | 806851 | Ultrastructure | 805733 | |
| Habitat preference | 807008 | Brood pouch | | |
| Fixed action patterns | | Ultrastructure | | |
| Aggressive behavior | | Function | 805736 | |
| Experimental analysis | 804573 | Distribution | 808494 | |
| Reproduction | | Reproduction | 803891 | |
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| Serum proteins | | Distribution | 807885 | |
| Enzymology | 809055 | <i>Hippocampus zosterae</i> | | |
| Caryotype | 806181 | Habitat preference | 808788 | |
| | 809055 | <i>Micrognathus dawsoni</i> | | |
| Habitat preference | 806678 | New species | 804707 | |
| <i>Pungitius tymensis</i> | | Relationships | 804707 | |
| Caryotype | 806181 | <i>Micrognathus vittatus</i> | | |
| Macrorhamphosidae | | Synonymy | 807885 | |
| Redefinition | 808135 | <i>Nerophis ophidion</i> | | |
| Distribution | 808409 | Distribution | 803631 | |
| <i>Centricops humerosus</i> | | <i>Phanerotokeus macrorhynchus</i> | | |
| Identifying characters | 804183 | Redescription | 806781 | |
| Distribution | 804183 | Distribution | 806781 | |
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| Distribution | 803992 | Key | 808135 | |
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| Seasonal abundance | | Vertical distribution | 808715 | |
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| Syngnathidae | | Acclimation | | |
| Synonymy | 806282 | Description and occurrence | 808294 | |
| Subspecies | 806282 | Distribution | | |
| Key | 808135 | Larva | 806633 | |
| Popular names | 806282 | <i>Syngnathus acus</i> | | |
| General structure and behavior | 808788 | Distribution | 807198 | |
| Gas bladder | | <i>Syngnathus californiensis</i> | | |
| Fry | | Coloration | 807886 | |
| Development | 803669 | Distribution within habitat | 807227 | |

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| Syngnathidae (continued) | Feeding | 807227 | <i>Urocampus rikuzeus</i> | |
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| | Habitat preference | 807886 | Seasonal changes | 805205 |
| | | 808137 | Habitat preference | 805205 |
| Lampridiformes | <i>Syngnathus crisleineatus</i> | | <i>Yozia bicarctata</i> | |
| | Monogenea | | Redescription | 806781 |
| | Incidence of infection | 807495 | Distribution | 808494 |
| | Digenea | | Lampridiformes | |
| Lampridae | Incidence of infection | | Relationships | 807262 |
| | Intensity of infection | 807495 | Key | 808135 |
| | Cestoda | | Jaw muscles | |
| | Incidence of infection | | Anatomy | |
| Lophotidae | Intensity of infection | 807495 | Function | 807262 |
| | Nematoda | | Descriptive evolution | 807262 |
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| | Intensity of infection | 807495 | Relationships | 807262 |
| Regalecidae | Copepoda | | Redefinition | 808135 |
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| | Intensity of infection | 807495 | Distribution | 805339 |
| | <i>Syngnathus dunckeri</i> | | | 807242 |
| Stylephoridae | Distribution | 808188 | <i>Lampris regius</i> | |
| | <i>Syngnathus floridae</i> | | Jaw muscles | |
| | Fish control agents | | Anatomy | |
| | Antimycin | | Function | 807262 |
| Trachipteridae | Lethal environmental limits | 807806 | Descriptive evolution | 807262 |
| | <i>Syngnathus kaupi</i> | | Nematoda | |
| | Habitat preference | 808019 | Parasite systematics | 805563 |
| | <i>Syngnathus nigrolineatus</i> | | Copepoda | |
| Veliferidae | Ciliata | | Intensity of infection | 804887 |
| | Distribution of infection | 805466 | Lophotidae | |
| | Distribution | 806569 | Key | 808135 |
| | Availability and use of food | 808456 | Regalecidae | |
| Pegasiformes | Gut contents | 804897 | Relationships | 807262 |
| | <i>Cladocera</i> | | Redefinition | 808135 |
| | Seasonal changes | 808456 | Distribution | |
| | Sound production | 805535 | Larva | 808653 |
| | Myxosporidiosis | 805466 | <i>Regalecus glesne</i> | |
| | <i>Syngnathus pelagicus</i> | | Dorsal fin | |
| | Distribution | 804194 | Anatomy | 807636 |
| | | 806950 | Caudal fin | |
| | <i>Syngnathus phlegon</i> | | Change with age | 807636 |
| | Distribution | 806516 | Juvenile | 808704 |
| | Circadian rhythms | | Distribution | 807636 |
| | Feeding | | | 808704 |
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| | Gut contents | | <i>Regalecus russelli</i> | |
| | Change with age | 807715 | Seasonal abundance | 809100 |
| | <i>Syngnathus pulchellus</i> | | Habitat preference | |
| | Reproduction | 803560 | Temperature | 809100 |
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| | <i>Syngnathus rostellatus</i> | | <i>Stylephorus</i> | |
| | Identifying characters | 803631 | Vertical distribution | 806736 |
| | Distribution | 803631 | Distribution | 806736 |
| | <i>Syngnathus schlegelii</i> | | Trachipteridae | |
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| | Length frequency | | Redefinition | 808135 |
| | Seasonal changes | 805205 | Distribution | |
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| | Meristics | | Larva | 808314 |
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| | Populations | 807017 | Key | 808135 |
| | Morphometrics | 807017 | Distribution | |
| | Rate of growth | 807017 | Larva | 807694 |
| | Speciation | 807017 | <i>Trachipterus arcticus</i> | |
| | Distribution | 804352 | Distribution | 803800 |
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| | Reproduction | 805591 | <i>Trachipterus taenia</i> | |
| | | 807748 | Hydrodynamics | 807979 |
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| | Metencephalon | | Veliferidae | |
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| | Distribution of infection | 805466 | Anatomy | |
| | Hirudinea | | Descriptive evolution | 807262 |
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| | Host specificity | 804221 | Distribution | |
| | <i>Trachyrhamphus</i> | | Larva | 808982 |
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| | Mass mortalities | | Distribution | 806781 |
| | Seasonal abundance | | | 808494 |
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| Jaw muscles | | | <i>Prionurus microlepidotus</i> | | | |
| Anatomy | | | Seasonal abundance | 805205 | | |
| Function | 807262 | | | 805206 | | |
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| Hydrostatics | 804553 | | Distribution | 808284 | | |
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| Anatomy | | | Monogenea | | | |
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| Anatomy | | | Gut contents | 806763 | | |
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| Estrogens | | Habitat preference | 808632 | |
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| | Introduction for fishery | 805113 | Emotional color change | 808501 |
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| | | 807638 | Descriptive evolution | 808501 |
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| | Parasite systematics | 806417 | <i>Blennius canevae</i> | |
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| | Fecundity | 806559 | Intraspecific variation | 805882 |
| | Rate of growth | 806559 | Habitat preference | 805882 |
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| | Meristics | | Identifying characters | 806594 |
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| | Ovarian cycles | 806559 | Meristics | 804715 |
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| Migrations | | Redescription | 807968 | |
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| <i>Dasson variabilis</i> | | Redescription | 807968 | |
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| <i>Ecsenius klausewitzi</i> | | Function | 808465 | |
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| Synonymy | 806137 | Circadian rhythms | 808465 | |
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| Distribution | 805914 | Function | 807577 | |
| Habitat preference | 805914 | <i>Runula rhinorhynchus</i> | | |
| <i>Ecsenius nigrovittatus</i> | | Feeding | | |
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| Redescription | 806137 | Distribution | 808494 | |

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| | Meristics | 805650 | New species | 806776 |
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| | Coloration | 805650 | Morphometrics | 806776 |
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| | Habitat preference | 805650 | Distribution | 807885 |
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| | Synonymy | 805650 | New species | 807567 |
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| | Key | 805650 | New species | 807567 |
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| | General structure and behavior | 804502 | Coloration | 805650 |
| | Distribution | 804502 | Distribution | 805650 |
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| | <i>Cristiceps argentatus</i> | | Invalidation | 805650 |
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| | Habitat preference | 805656 | Invalidation | 805650 |
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| | Anatomy | | <i>Xenopoclinus</i> | |
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| Morphometrics | 805650 | Larva | 808982 |
| Coloration | 805650 | Population density | |
| Pectoral girdle | 805650 | Young | 803519 |
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| Habitat preference | 805650 | Nematoda | |
| Congrogadidae | | Incidence of infection | |
| <i>Halonchis guttatus</i> | | Intensity of infection | 807495 |
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| Habitat preference | 807935 | Distribution of infection | 805489 |
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| | New genus | 805402 | Habitat preference | 806118 |
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| Pectoral girdle | 808778 | Function | 805372 | | |
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| Development | 806230 | Gobioididae | | | |
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| Nototheniidae | | Biochemistry | 804998 | |
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| Function | 808762 | Feeding | 807209 | |
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| Meristics | 808011 | | 807209 | |
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| Distribution | | Urohyal | | |
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| Distribution of infection | 805537 | Distribution | 807945 | |

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| | <i>Seriola aureovittata</i> | | Seasonal abundance | 807837 |
| | Distribution | 808880 | Gut contents | |
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| | Feeding | 807190 | <i>Trachinotus goodei</i> | |
| | History of fisheries | 807225 | Migrations | 808154 |
| | Habitat destruction | | <i>Trachinotus goreensis</i> | |
| | Effect on fish | | Digena | |
| | Seaweeds | 807232 | Incidence of infection | 803977 |
| | Fishery statistics | 807232 | <i>Trachinotus ovatus</i> | |
| | Archaeological data | 804709 | Saccus vasculosus | |
| | <i>Seriola dumerili</i> | | Anatomy | |
| | Poison content | 806470 | Histology | 807944 |
| | <i>Seriola mazatlanensis</i> | | <i>Trachurus</i> | |
| | Distribution | 807997 | Fish communities | 806740 |
| | <i>Seriola purpurascens</i> | | Vertical distribution | 806739 |
| | Validation | 807241 | Monogenea | |
| | Distribution | 808880 | Distribution of infection | 805537 |
| | Feeding | 807241 | Digena | |
| | <i>Seriola quinqueradiata</i> | | Distribution of infection | 805537 |
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| | NAD | | Optomotor response | |
| | Enzymology | | Trawling | 806345 |
| | Biochemistry | 805508 | <i>Trachurus declivis</i> | |
| | Protease | | Ovarian cycles | 807753 |
| | Enzymology | 807288 | Vertical distribution | 807753 |
| | Biochemistry | | Seasonal abundance | 807753 |
| | Gonadotropin | | Feeding | |
| | Effect on fish | 806587 | Circadian rhythms | 807753 |
| | Ovary | | <i>Trachurus japonicus</i> | |
| | Stomach | | ATP ase content and function | |
| | Hyaluronidase | | Gills | |
| | Comparative enzymology | 806584 | Ion and water relationships | 804908 |
| | Vitamin requirements | | Axial skeletal muscles | |
| | Ascorbic acid | | Biochemistry | |
| | Experimental analysis | 805444 | Mineral content | 806577 |
| | Vitamin-B6 | | Protein content | |
| | Experimental analysis | 805444 | Biochemistry | 806586 |
| | Vitamin-E | | Intraspecific variation | 806586 |
| | Experimental analysis | 805445 | NAD | |
| | Adibitum food capacity | | Enzymology | |
| | Rate of growth | | Biochemistry | 805508 |
| | Experimental analysis | 805503 | Protease | |
| | Circadian rhythms | | Enzymology | |
| | Experimental analysis | 805502 | Biochemistry | 807288 |
| | Intraspecific variation | | Ovarian cycles | 805438 |
| | Change with age | | Rate of growth | 805438 |
| | Rate of growth | 805345 | Maintenance energy requirements | 805430 |
| | Cestoda | | Adibitum food capacity | 805430 |
| | Incidence of infection | | Nematoda | |
| | Parasite life history | 806581 | Parasite systematics | 805563 |
| | Host parasite interactions | 806581 | Seasonal abundance | 805205 |
| | Parasite life history | 805423 | | 805206 |
| | Experimental analysis | 805424 | Habitat preference | 805205 |
| | Copepoda | | Temperature | 809100 |
| | Intensity of infection | 807947 | Avoidance responses | 806332 |
| | Experimental analysis | 807947 | Migrations | |
| | Parasite life history | | Juvenile | 805205 |
| | Habitat preference | 809100 | Parasites shared with man | |
| | Temperature | 806314 | Nematoda | 805564 |
| | Migrations | 806587 | Skeleton age study | |
| | | 809100 | Urohyal | 805438 |

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| <i>Trachurus mediterraneus</i> | | Incidence of infection | | Caristiidae |
| Synonymy | 806282 | Intensity of infection | 805468 | |
| Popular names | 806282 | Acanthocephala | | |
| Brain | | Distribution of infection | 805489 | Centrarchidae |
| Allometry | | Incidence of infection | | |
| Weight length relationship | 805364 | Intensity of infection | 805468 | |
| Kidney | | Distribution | 806282 | |
| Ion and water relationships | | | 806480 | |
| Experimental analysis | 807699 | | 807198 | |
| Allometry | 807970 | Egg | | |
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| Developing egg | | Larva | 806479 | |
| Larva | 807649 | Seasonal changes | 805664 | |
| Water pressure | | Reproductive season | 806479 | |
| Effect on fish | | | 806480 | |
| Hydrostatics | 807979 | Seasonal abundance | 807994 | |
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| Incidence of infection | | Muscular electrophysiology | | |
| Change with age | 805467 | Spatial orientation | 805535 | |
| Host parasite interactions | 805467 | Sound production | 805535 | |
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| Host parasite interactions | 805467 | Anatomy | 807954 | |
| Distribution | 806282 | Vertical distribution | 806480 | |
| Seasonal changes | | Distribution | 806480 | |
| Developing egg | 807649 | Reproductive season | 806480 | |
| Larva | 807649 | <i>Uraspis</i> | | |
| Hydrostatics | | Key | 807970 | |
| Seasonal changes | 807979 | <i>Uraspis helvola</i> | | |
| Hydrodynamics | | Synonymy | 807970 | |
| Change with age | 807979 | Meristics | | |
| Myxosporidiosis | 805466 | Scutes | 807970 | |
| Fishing gear selectivity | | Morphometrics | | |
| Trawling | | Change with age | 807970 | |
| Experimental analysis | 805902 | Coloration | | |
| <i>Trachurus picturatus</i> | | Change with age | 807970 | |
| Vertical distribution | 807995 | Oral teeth | | |
| <i>Trachurus symmetricus</i> | | Change with age | 807970 | |
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| Identification | 808318 | Synonymy | 807970 | |
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| Pliocene | 808318 | Invalidation | 807970 | |
| Pleistocene | 808318 | <i>Uraspis wakiyai</i> | | |
| Cestoda | | Invalidation | 807970 | |
| Incidence of infection | 808731 | <i>Vomer setapinnis</i> | | |
| Nematoda | | Gross external anatomy | 809101 | |
| Incidence of infection | | Fish communities | 806740 | |
| Parasite life history | 808731 | Distribution | 806223 | |
| Acanthocephala | | | 807029 | |
| Incidence of infection | 808731 | Caristiidae | | |
| Distribution | 807227 | <i>Caristius</i> | | |
| Larva | | Vertical distribution | 806736 | |
| Developing egg | 808315 | Distribution | 806736 | |
| Population density | 808315 | <i>Caristius macropus</i> | | |
| Seasonal abundance | 808315 | Alepisauridae | | |
| Swimming endurance | | <i>Alepisaurus ferox</i> | | |
| Experimental analysis | 804922 | As predator | 806067 | |
| Feeding | 807190 | Distribution | 805339 | |
| Schooling | | <i>Platyberyx</i> | | |
| Intraspecific communication | | Vertical distribution | 806736 | |
| Swimming speed | 806250 | Distribution | 806736 | |
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| | 808318 | Synonymy | 806542 | |
| <i>Trachurus trachurus</i> | | Morphometrics | 806542 | |
| Subspecies | | Distribution | 806542 | |
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| Anatomy | | Key | 804352 | |
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| Anatomy | 804895 | TDE | | |
| Surface volume relationship | | Population changes | 808729 | |
| Change with age | 807351 | Nitrogen metabolism | | |
| Gill arch teeth | | Enzymology | 804584 | |
| Anatomy | 807964 | Experimental analysis | 803753 | |
| Vertical distribution | 806480 | Gill arch teeth | | |
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| | 807995 | Descriptive evolution | 807964 | |
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| Incidence of infection | | Reservoirs | | |
| Intensity of infection | 805468 | Seasonal changes | 806165 | |
| Digena | | Temperature | | |
| Incidence of infection | | Effect on fish | | |
| Intensity of infection | 805468 | Fish control agents | 808606 | |
| Cestoda | | Monogenea | | |
| Incidence of infection | | Incidence of infection | 806642 | |
| Intensity of infection | 805468 | Digena | | |
| Nematoda | | Intensity of infection | 806642 | |
| Distribution of infection | 805489 | Parasite life history | 803767 | |
| | | Host parasite interactions | 803767 | |

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| Centrarchidae (continued) | Cestoda | | <i>Lepomis cyanellus</i> | |
| | Intensity of infection | 806642 | Scalation | |
| | Nematoda | | Development | 804412 |
| Ambloplites to <i>Lepomis gibbosus</i> | Incidence of infection | | Rate of growth | 804412 |
| | Intensity of infection | 806642 | Temperature | |
| | Copepoda | | Effect on fish | |
| | Intensity of infection | | Fish control agents | 808604 |
| | Host parasite interactions | 804490 | Silt | |
| | Mollusca | | Effect on fish | |
| | Incidence of infection | | Interspecific competition | 808794 |
| | Intensity of infection | 804490 | Activity patterns | 808794 |
| | Host parasite interactions | 804490 | Dominance social hierarchy | 808794 |
| | Lethal environmental limits | | Amphibia | |
| | Fish control agents | | As food for fish | |
| | Change with age | 808606 | Larva | 803504 |
| | Distribution | 804352 | Lethal environmental limits | |
| | | 805610 | Fish control agents | |
| | | 805646 | Change with age | 808604 |
| | | 805647 | Dominance social hierarchy | |
| | | 806821 | Silt | |
| | | 807268 | Experimental analysis | 808794 |
| | | 807835 | Insecticide pollutants | |
| | Population changes | 803895 | Effect on fish | |
| | Population density | 808464 | Lethal environmental limits | 806176 |
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| | Availability and use of food | 806913 | Synonymy | 806282 |
| | Age class distribution | 804411 | Popular names | 806282 |
| | Food chains | 806273 | General structure and behavior | 807942 |
| | Reproductive season | 808139 | Saccus vasculosus | |
| | Habitat preference | 804103 | Ultrastructure | |
| | | 806821 | Function | 804336 |
| | | 806913 | Telencephalon | |
| | Reservoirs | | Anatomy | 804562 |
| | Change with age | 806163 | Metencephalon | |
| | Sensory deprivation | | Histology | |
| | Lateral line | 804992 | Function | 804563 |
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| | Introduction for fishery | 803513 | Spatial orientation | |
| | Fish culture | 808681 | Experimental analysis | 804199 |
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| | Experimental analysis | 808537 | Hemodynamics | |
| | Fish cultural methodology | 808537 | Experimental analysis | 803826 |
| | Insecticide resistance | 806176 | Androgens | |
| | Hatchery productivity | 803513 | Effect on fish | |
| | Artificial population manipulation | | Aggressive behavior | 806248 |
| | Fish control agents | 808606 | Nest construction | 806248 |
| | Fish control agents | | Aggressive behavior | |
| | Hydrogen ion concentration | | Experimental analysis | 805173 |
| | Experimental analysis | 808814 | Nest construction | |
| | Antimycin | | Experimental analysis | 805173 |
| | Experimental analysis | 806985 | Exercise | |
| | Antimycin-A | | Effect on fish | |
| | Lethal environmental limits | | Heart | 803826 |
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| | | 808606 | Lentic waters | 808215 |
| | <i>Ambloplites cavifrons</i> | | Reservoirs | |
| | General structure and behavior | 803513 | Habitat preference | |
| | <i>Ambloplites rupestris</i> | | Introduction for fishery | 808461 |
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| | Nitrogen metabolism | | Effect on fish | |
| | Biochemistry | 804028 | Fish control agents | 808604 |
| | Monogenea | | Copepoda | |
| | Parasite systematics | 803548 | Incidence of infection | |
| | Copepoda | | Intensity of infection | 803939 |
| | Incidence of infection | | Distribution | 806282 |
| | Intensity of infection | 803939 | | 806569 |
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| | Surface volume relationship | 805878 | Population density | 807222 |
| | <i>Elassoma</i> | | | 808215 |
| | General structure and behavior | 806674 | Locomotion | |
| | <i>Enneacanthus gloriosus</i> | | Vertebrae | |
| | General structure and behavior | 804507 | Descriptive evolution | 806945 |
| | <i>Lepomis</i> | | Axial skeletal muscles | |
| | Monogenea | | Descriptive evolution | 806945 |
| | Incidence of infection | 805611 | Gut contents | 804897 |
| | Digenea | | Preying on small prey | |
| | Incidence of infection | 805611 | Experimental analysis | 804628 |
| | Cestoda | | Habitat preference | 807222 |
| | Incidence of infection | 805611 | Coarse fish control | 805990 |
| | Acanthocephala | | Introduction for fishery | 806844 |
| | Incidence of infection | 805611 | Artificial incubation | |
| | Copepoda | | Malachite green | |
| | Parasite systematics | 807408 | Prophylactic treatment | |
| | Avoidance responses | 806940 | Lethal environmental limits | 808560 |
| | Fishing gear selectivity | | Artificial population manipulation | |
| | Circadian rhythms | 808158 | Antimycin-A | |
| | Fisheries improvement | 808158 | Fish control agents | |
| | <i>Lepomis aeneus</i> | | Experimental analysis | 808604 |
| | Axial skeletal muscles | | Fish control agents | |
| | Electricity production | | Copper sulfate | |
| | Locomotion | | Outdoor census and sampling | |
| | Description and occurrence | 808766 | Effect on fish | 808215 |

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| <i>Lepomis gibbosus</i> X | | Interspecific competition | 806169 |
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| Development | 807867 | Protein content | 807454 |
| General embryology | 807867 | Food chains | |
| Artificial hybridization | 807867 | Insecticide pollutants | |
| Hybrid compatibility | | Effect on fish | 808927 |
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| General embryology | 807867 | Fry | 803711 |
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| Habitat preference | 807268 | Aggregating behavior | |
| <i>Lepomis macrochirus</i> | | Fry | 803711 |
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| Development | 804412 | Nest construction | 805140 |
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| Development | 807867 | Experimental analysis | 804762 |
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| Digenea | 807628 | Feeding | 804337 |
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| Cestoda | | Nest construction | 804337 |
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| Kidney | | Epidermal hyperplasia | 806198 |
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| Histology | 809064 | Epitheliocystis | |
| Glomerulus | | Host parasite interactions | |
| Ultrastructure | 809064 | Ultrastructure | 808898 |
| Proximal and distal tubules | | Experimental analysis | 808898 |
| Ultrastructure | 809064 | Impoundment manipulation | 803985 |
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| General embryology | 807867 | Effect on fish | |
| Larva | | Population density | 807807 |
| Change with age | 808139 | Organic pollutants | |
| Rate of growth | 804412 | Fluorescent dyes | |
| Fry | 803711 | Lethal environmental limits | 808534 |
| Radioactivity | | Insecticide pollutants | |
| Experimental analysis | 806889 | Parathion | |
| Maintenance energy requirements | | Effect on fish | 806861 |
| Nitrogen metabolism | 807454 | Herbicide pollutants | |
| Experimental analysis | 807454 | Lethal environmental limits | |
| Change with age | | Experimental analysis | 804618 |
| Starvation | | Dichlobenil | |
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| Effect on fish | 803536 | Lethal environmental limits | 807831 |
| Distribution within habitat | | 2,4-D | |
| Larva | 808139 | Effect on fish | |
| Vertical distribution | | Intermediary metabolism | 804795 |
| Larva | | Fish cultural methodology | |
| Circadian rhythms | 808139 | Pondfish productivity | |
| Temperature | | Artificial breeding environments | 807941 |
| Effect on fish | | Effect on fish | 805140 |
| Oxygen consumption | 803970 | Artificial incubation | |
| Nitrogen metabolism | 807454 | Malachite green | |
| Heart | 803970 | Prophylactic treatment | |
| Breathing | 803970 | Lethal environmental limits | 808560 |
| Fish control agents | 808604 | Artificial rearing environments | |
| Anesthetics | 808600 | Substratum | |
| | 808608 | Experimental analysis | 806880 |
| Anesthetics | | Artificial population manipulation | |
| Lethal environmental limits | 808601 | Reservoirs | 806162 |
| Radioactivity | | Antimycin-A | |
| Effect on fish | | Fish control agents | |
| Biochemical blood constituents | 806889 | Experimental analysis | 808604 |
| Ovary | 806889 | Fish control agents | |
| Testis | 806889 | Antimycin-A | |
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| Effect on fish | 808170 | Experimental analysis | 808534 |
| Description and occurrence | 806373 | Anesthetics | |
| Lethal environmental limits | 808814 | Methylpentynol | |
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| Intensity of infection | | Quinaldine | |
| Ultrastructure | 804094 | Effect on fish | |
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| Incidence of infection | 804299 | Lethal environmental limits | 808601 |
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| Copepoda | | Identification | |
| As food for fish | 804917 | Immunological analysis | 806427 |
| Lethal environmental limits | | <i>Lepomis macrochirus</i> X | |
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| Change with age | 808604 | Heart | |
| Anesthetics | | Development | 807867 |
| Change with age | 808608 | General embryology | 807867 |
| Population structure | 808157 | Artificial hybridization | 807867 |

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| | Hatching | | Change with age | |
| <i>Lepomis marginatus</i> | General embryology | 807867 | Seasonal changes | 807864 |
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| <i>Lepomis marginatus</i> to <i>Micropterus</i> | Monogenea | | Subspecies | |
| | Parasite systematics | 804292 | Meristics | |
| | Androgens | | Identification | 807599 |
| | Effect on fish | | General structure and behavior | 804403 |
| | Habitat preference | 806248 | | 807942 |
| | Aggressive behavior | 806248 | Meristics | |
| | Nest construction | 806248 | Vertebrae | |
| | Larva | | Geographic variation | 807599 |
| | Change with age | 808139 | Oxygen consumption | |
| | Distribution within habitat | | Fry | |
| | Larva | 808130 | Change with age | 807825 |
| | Vertical distribution | | Pesticide content | |
| | Larva | | TDE | |
| | Circadian rhythms | 808139 | Population changes | 808729 |
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| General structure and behavior | | 803512 | Change with age | 804412 |
| | | 805561 | Rate of growth | 804554 |
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| | Herbicide pollutants | | Yolk | |
| | Abnormality | 807781 | Change with age | 807825 |
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| Herbicide pollutants | | | Change with age | 807825 |
| Abnormality | 807781 | | Preying on small prey | |
| Testis | | | Computer analysis | 806866 |
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| Histology | 807781 | | Habitat preference | |
| Abnormality | 807781 | | Introduction for fishery | 808461 |
| Lethal environmental limits | | | Distribution within habitat | |
| Fish control agents | | | Larva | 808139 |
| Experimental analysis | 808604 | | Temperature | |
| Herbicide pollutants | | | Description and occurrence | |
| Hydrothal-191 | | | Effect on fish | 805905 |
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| Geographic variation | 807599 | | Effect on fish | |
| Gills | | | Lethal environmental limits | 808814 |
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| Change with age | 807351 | | Activity patterns | 808794 |
| Fecundity | 808568 | | Monogenea | |
| Temperature | | | Distribution of infection | 805957 |
| Description and occurrence | | | Acanthocephala | |
| Effect on fish | 805905 | | Incidence of infection | |
| Effect on fish | | | Intensity of infection | 806642 |
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| Hiding | | | Availability and use of food | 806167 |
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| Geographic variation | 807599 | | Change with age | 806131 |
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| Experimental analysis | 808794 | Reproductive season | 808796 | (continued) |
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| Preying on small prey | 806527 | Young | 806166 | |
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| Drawdown | | Migrations | 808796 | |
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| | Acarichthys | | Identifying characters | | 804217 |
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| | Habitat preference | 804139 | Experimental analysis | | 807737 |
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| | <i>Apistogramma ramirezi</i> | | Gas bladder | | |
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| Salinity | | <i>Haplochromis dolichorhynchus</i> | | |
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| Experimental analysis | 804161 | Synonymy | 806349 | |
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| Key | 804217 | <i>Haplochromis tyrianthinus</i> | | |
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| Glaucosomidae | As food for fish | 807872 | Antimycin | |
| | Digenea | | Lethal environmental limits | 807806 |
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| | Habitat preference | 807885 | Salinity | 808020 |
| Grammistidae | Neoplastic diseases | | <i>Gerres japonicus</i> | |
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| Grammistidae | Pliocene | 803714 | Habitat preference | 805205 |
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| Grammistidae | Marking and tagging | 808154 | Food chains | 805205 |
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| Grammistidae | Morphometrics | 807969 | Fish communities | 806740 |
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| Grammistidae | Protein content | 805653 | Biochemistry | 805653 |
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| Grammistidae | Distribution | 808473 | Biochemistry | 805653 |
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| | Distribution | 807091 | Protein content | 805653 |
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| | Axial skeletal muscles | | Glaucosomidae | |
| Grammistidae | Biochemistry | 805653 | <i>Glaucosoma burgeri</i> | |
| | Water content | 805653 | Distribution | |
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| Grammistidae | Gut contents | 808576 | Function | 805462 |
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| | Identification | | Distribution | 807091 |
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| Grammistidae | Anatomy | | Juvenile | 808786 |
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| Kuhliidae | | Ammonia | | |
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| Distribution | 804215 | <i>Oblada melanura</i> | | |
| <i>Kuhlia marginata</i> | | Neurons | | |
| Distribution | 807986 | Ultrastructure | 804564 | |
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| Distribution | 807091 | Protein content | 805653 | Leiognathidae |
| Gut contents | 807092 | Lipid and fatty acid content | 805653 | |
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| Distribution | 803800 | Activity patterns | 807237 | |
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| Iconotype | 805935 | Urohyal | | |
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| Synonymy | 807195 | Identification | 807307 | Lactariidae |
| Distribution | 807195 | <i>Lactarius lactarius</i> | | |
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| Coloration | 807886 | Coloration | 807241 | |
| | 808137 | Vertical distribution | | |
| Distribution within habitat | 807227 | Seasonal changes | 808591 | |
| Ciliata | | Trawling | 807752 | |
| Host parasite interactions | | Distribution | 808494 | |
| Treatment for disease | 805667 | Seasonal abundance | 808407 | |
| Digena | | Seasonal abundance | 808591 | |
| Parasite systematics | 807405 | Latridae | | |
| Distribution | 807227 | <i>Latridopsis ciliaris</i> | | |
| Population density | 807228 | Habitat preference | 807237 | |
| Feeding | 807227 | <i>Latris lineata</i> | | |
| Gut contents | 807230 | Synonymy | 804183 | |
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| Reproduction | 808137 | Distribution | 804183 | |
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| Genetic disease resistance | | Seasonal abundance | 808407 | |
| Treatment for disease | 808732 | Seasonal abundance | 805655 | |
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| ATP ase content and function | | Nematoda | | |
| Gills | | Parasite systematics | 803976 | |
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| Identification | 807307 | Abnormality | 807966 | |
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| Biochemistry | 804320 | <i>Leiognathus bindus</i> | | |
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| Habitat preference | 805205 | Eye | | |
| Temperature | 809100 | Abnormality | 807966 | |
| Migrations | 809100 | <i>Leiognathus equulus</i> | | |
| <i>Girella tricuspidata</i> | | Axial skeletal muscles | | |
| Habitat preference | 807237 | Biochemistry | 805653 | |
| <i>Hermosilla azurea</i> | | Water content | 805653 | |
| Gut contents | 807230 | Protein content | 805653 | |
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| Habitat preference | 807885 | Length frequency | | |
| <i>Kyphosis sectatrix</i> | | Seasonal changes | 805655 | |
| Habitat preference | 807885 | Gut contents | 808579 | |
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| Distribution | 804215 | Morphometrics | 804281 | |
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| <i>Medialuna californiensis</i> | | Habitat preference | 805205 | |
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| Copepoda | | Redescription | 804281 | |
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| Lethrinidae | Lipid and fatty acid content | | Faunal list | 808493 |
| | Biochemistry | 804282 | Popular names | 808493 |
| | Seasonal changes | 804282 | General structure and behavior | 808493 |
| | Ovarian cycles | 804282 | <i>Caesio caeruleaureus</i> | |
| | Testicular cycles | 804282 | Habitat preference | 807935 |
| Lobotidae | Biochemical sex differences | 804282 | <i>Caesio erythrogaster</i> | |
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| | Gut contents | 808982 | Habitat preference | 806781 |
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| | Digena | | Parasite systematics | 803976 |
| Lethrinidae | Parasite systematics | 803977 | <i>Lutjanus</i> | |
| | <i>Lethrinus chrysostomus</i> | | Faunal list | 808493 |
| | Monogenea | | Popular names | 808493 |
| | Incidence of infection | 803979 | General structure and behavior | 808493 |
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| Lethrinidae | Habitat preference | 807935 | <i>Lutjanus argentimaculatus</i> | |
| | <i>Lethrinus lentjan</i> | | Distribution | 807986 |
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| Lutjanidae | Reproductive season | 808583 | Sound reception | 803745 |
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| | Seasonal changes | | Distribution | 806062 |
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| | Distribution | 807014 | Gut contents | 808465 |
| | Habitat preference | 807935 | Schooling | 808465 |
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| Lutjanidae | Distribution | 807014 | Habitat preference | |
| | <i>Lethrinus nebulosus</i> | | Coral reef | 805226 |
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| | Distribution | 808009 | Experimental analysis | 804122 |
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| Lutjanidae | Food chains | 805205 | Vertical distribution | 806221 |
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| | Habitat preference | 805205 | Rate of growth | 808154 |
| | Migrations | 805205 | Migrations | 808154 |
| | Juvenile | 805205 | <i>Lutjanus carponotatus</i> | |
| Lutjanidae | <i>Monotaxis grandoculis</i> | | Coloration | 805401 |
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| Coloration | 807886 | Distribution of infection | 805537 | |
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| Gut contents | 807230 | Distribution of infection | 805537 | |
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| | 808495 | Weight length relationship | 808409 | |
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| Cestoda | | Identifying characters | 808009 | |
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| | Habitat preference | 807237 | Gills | |
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| | Descriptive evolution | 807262 | Juvenile | 805205 |
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| | Distribution | 806495 | Liver | |
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| | Ciguatera producing | 804121 | Biochemistry | 807166 |
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| | Histology | 803614 | Copepoda | |
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| Larva | 804893 | Abnormality | 807605 | |
| | 806215 | Rate of growth | 807190 | |
| | 806745 | Cestoda | | |
| | 808143 | Parasite systematics | 806185 | |
| | 808283 | Parasites shared with man | | |
| Productivity | | Experimental analysis | 807384 | |
| Water movement | 808664 | Feeding | 807190 | |
| Populations | 806460 | History of fisheries | 807225 | |
| Population structure | 806617 | Archeological data | 804709 | |
| Population changes | 808278 | <i>Sarda orientalis</i> | | |
| Population density | 803621 | Stomach | | |
| Interspecific competition | | Hyaluronidase | | |
| Computer analysis | 807854 | Comparative enzymology | 806584 | |
| Availability and use of food | 808653 | <i>Sarda sarda</i> | | |
| Reproductive season | 803510 | Brain | | |
| Seasonal abundance | 807753 | Allometry | | |
| | 807932 | Weight length relationship | 805364 | |
| | 808278 | Gills | | |
| | 808282 | Anatomy | 804895 | |
| | 808364 | Gill arch teeth | | |
| | 808964 | Anatomy | 807964 | |
| Feeding | | Digenea | | |
| Adibitum food capacity | | Distribution of infection | 805473 | |
| Experimental analysis | 807823 | Nematoda | | |
| Gut contents | 806214 | Distribution of infection | 805473 | |
| | 806419 | Hydrostatics | | |
| | 808282 | Seasonal changes | 807979 | |
| | 808364 | Hydrodynamics | | |
| Habitat preference | 808963 | Change with age | 807979 | |
| Crustacea | | <i>Scomber</i> | | |
| Temperature | 808664 | Schooling | 804967 | |
| Schooling | 806460 | <i>Scomber australasicus</i> | | |
| | 806503 | Ovarian cycles | 807753 | |
| Circadian rhythms | | Vertical distribution | 807753 | |
| Light | 807782 | Seasonal abundance | 807753 | |
| Sonar observation | 804891 | <i>Scomber colias</i> | | |
| History of fisheries | 806500 | Axial skeletal muscles | | |
| Fishing methods | | Enzymology | | |
| Bait fish | | Histology | 806374 | |
| Experimental analysis | 806325 | Biochemistry | 806374 | |
| Fishery dynamics | 804626 | Red muscles | | |
| Computer analysis | | Enzymology | | |
| Population dynamics | 807854 | Histology | 806374 | |
| Natural mortality | 803621 | Biochemistry | 806374 | |
| Fishing mortality | 803621 | Digenea | | |
| | 808278 | Distribution of infection | 805489 | |
| Maximum yield | | Incidence of infection | | |
| Computer analysis | 807854 | Intensity of infection | 805472 | |
| Archeological data | 804709 | | | |

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| Scombridae (continued) | Cestoda | | Biochemical blood constituents | |
| | Incidence of infection | | Lactate dehydrogenase | 803619 |
| | Intensity of infection | 805472 | Hemoglobin | |
| | Nematoda | | Change with age | 805728 |
| Scomber | Incidence of infection | | Liver | |
| | Intensity of infection | 805472 | Biochemistry | |
| tp | Acanthocephala | | Lactate dehydrogenase | 803619 |
| | Intensity of infection | | Vertical distribution | |
| Scomberomorus | Incidence of infection | | Circadian rhythms | 808427 |
| | Distribution | 805472 | Distribution of infection | 805466 |
| | | 803800 | Digena | |
| | | 805977 | Parasite systematics | 806760 |
| | | 806480 | Cestoda | |
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| Meristics | 804306 | | Larva | |
| Coloration | 807886 | | Seasonal changes | 805664 |
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| Biochemistry | | | Populations | 807512 |
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| NAD | | | Age class distribution | 808066 |
| Enzymology | | | | 808068 |
| Biochemistry | 805508 | | | 808121 |
| Sagitta | | | | 808122 |
| Identification | 808318 | | | |
| Stomach | | | Seasonal abundance | |
| Anatomy | | | Population changes | 808304 |
| Function | 806588 | | Hydrostatics | |
| Hyaluronidase | | | Seasonal changes | 807979 |
| Comparative enzymology | 806584 | | Hydrodynamics | |
| Gastric digestion | 806578 | | Change with age | 807979 |
| Juxtaglomerular apparatus | | | Avoidance responses | 806327 |
| Histology | 805425 | | | 806337 |
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| Egg | | | Trawling | 807070 |
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| Identification | 803784 | | | 805466 |
| Rate of growth | 804306 | | Myxosporidiosis | |
| | 807190 | | Fishing methods | |
| Coefficient of condition | | | Light | 806320 |
| Captive vs natural fishes | 803784 | | Natural mortality | 808122 |
| Adibitum food capacity | 807282 | | Fishing mortality | 808122 |
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| Fish communities | 806740 | | Seasonal changes | 807928 |
| Digena | | | <i>Scomberomorus</i> | |
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| Cestoda | 808731 | | Larva | 808143 |
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| Nematoda | | | Meristics | 808340 |
| Incidence of infection | | | Skull | |
| Parasite life history | 808731 | | Geographic variation | 808340 |
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| Feeding | | | Age class distribution | 808187 |
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| Schooling | | | Seasonal abundance | 806942 |
| Feeding | 805422 | | | 808183 |
| Experimental analysis | 807282 | | Group behavior | 805995 |
| Reproduction | 803784 | | Natural mortality | 808187 |
| Archaeological data | 804709 | | Fishing mortality | 808187 |
| | 808318 | | Marking and tagging | 808154 |
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| <i>Scomber microlepidotus</i> | | | Antivitamin content | |
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| <i>Scomber scombrus</i> | | | Distribution | 806062 |
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| Inheritance | | | Histology | 808339 |
| Biochemistry | 809015 | | Sperm | |
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| Biochemistry | 803619 | | Parasite life history | 804362 |
| Brain | | | Digena | |
| Allometry | | | Parasite systematics | 804451 |
| Weight length relationship | 805364 | | Cestoda | |
| Growth hormone | | | Parasites shared with man | |
| Protein specificity | | | Experimental analysis | 807384 |
| Experimental analysis | 805151 | | Distribution | 809101 |
| Descriptive evolution | 805151 | | Age class distribution | 808187 |
| Gills | | | Length frequency | 806942 |
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| Ovarian cycles | 808147 | Relationships | 805002 | | |
| Testicular cycles | 808147 | Meristics | 808147 | | |
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| <i>Acanthocephala</i> | | Wounds | | | |
| Parasite systematics | 805861 | Abnormality | 807131 | | |
| Distribution | 806011 | Diagram | 806346 | | |
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| Larva | 808215 | Experimental analysis | 806312 | | |
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| Feeding | | Anatomy | 805213 | | |
| Seasonal changes | | Function | 805213 | | |
| Activity patterns | 806419 | Hemoglobin | | | |
| Group effect | 801967 | Intraspecific variation | | | |
| Gut contents | 806419 | Biochemistry | 805002 | | |
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| Habitat preference | 808963 | Testicular cycles | 808473 | | |
| Schooling | 804318 | | 808279 | | |
| | 804319 | Larva | 808473 | | |
| | 804967 | Anatomy | | | |
| | 806503 | Rate of growth | 808144 | | |
| Identification | 808723 | | 805654 | | |
| Migrations | 806738 | Geographic variation | 806478 | | |
| | 807135 | Morphometrics | 807305 | | |
| Fishing methods | | Distribution within habitat | 807306 | | |
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| | 804319 | Circadian rhythms | 807782 | | |
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| Experimental analysis | 807283 | Description and occurrence | 803739 | | |
| | 807284 | Effect on fish | | | |
| Regulation of catch | 804924 | Description and occurrence | 805498 | | |
| Sonar observation | | Gas transport by blood | 806664 | | |
| Vertical distribution | 808001 | Seasonal abundance | 805498 | | |
| <i>Thunnus alalunga</i> | | Habitat preference | | | |
| Meristics | 808147 | Description and occurrence | 808282 | | |
| | 808364 | Light | | | |
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| Morphometrics | 808002 | Schooling | 807782 | | |
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| Hemoglobin | | Transparency | 808282 | | |
| Intraspecific variation | 805002 | Habitat preference | | | |
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| Polymorphism | 808652 | Lethal environmental limits | | | |
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| | 808652 | Digena | | | |
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| Distribution | 807031 | Distribution | 807031 | | |
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| Larva | 806745 | | 806745 | | |
| | 808143 | | 808143 | | |
| Populations | 807306 | | | | |
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| | Population structure | 806213 | Population dynamics | 807854 |
| Trichiuridae | Population changes | 806618 | Recruitment | 804118 |
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| | | 807031 | Computer analysis | 807854 |
| | | 808401 | Radioactive pollutants | |
| | Age class distribution | | Distribution | 807189 |
| | Population density | 808281 | <i>Thunnus rarus</i> | |
| | Interspecific competition | | Invalidation | 806242 |
| | Computer analysis | 807854 | <i>Thunnus thynnus</i> | |
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| | Availability and use of food | 808653 | Meristics | 808147 |
| | Reproductive season | 805654 | Morphometrics | 808147 |
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| | | 807014 | Temperature | 803720 |
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| | | 808282 | Lens | |
| | Gut contents | 805449 | Protein content | |
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| | Schooling | | Intraspecific variation | |
| | Circadian rhythms | | Biochemistry | 805002 |
| | Light | 807782 | Polymorphism | 805002 |
| | Migrations | 805922 | Vertical distribution | 807753 |
| | | 807189 | Circadian rhythms | 807782 |
| | History of fisheries | 806500 | Temperature | |
| | Fishing methods | | Axial skeletal muscles | 803720 |
| | Longlining | | Red muscles | 803720 |
| | Experimental analysis | 807990 | Light | |
| | Fishing gear selectivity | | Effect on fish | |
| | Age class distribution | 808281 | Schooling | 807782 |
| | Fishery dynamics | 804317 | Fishing gear selectivity | 807782 |
| | | 804626 | Distribution | 807031 |
| | Population density | | | 807189 |
| | Maximum yield | 808280 | | 807225 |
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| | Overfishing | 808401 | Length frequency | 805903 |
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| | Meristic morphometric techniques | 808016 | | 807753 |
| | Mathematical population models | | Feeding | 807190 |
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| Distribution | | | Light | 807782 |
| Larva | 808143 | | Migrations | 804634 |
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| Relationships | 805002 | | | 807189 |
| Meristics | 808147 | | | 809100 |
| Morphometrics | 808147 | | Marking and tagging | 808722 |
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| Anserine | | | Fisheries improvement | 805931 |
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| Lens | | | <i>Thunnus tonggol</i> | |
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| Biochemistry | 803962 | | Distribution | 806242 |
| Hemoglobin | | | Trichiuridae | |
| Intraspecific variation | | | Gill arch teeth | |
| Biochemistry | 805002 | | Anatomy | |
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| Testicular cycles | 808279 | | Vertical distribution | 808141 |
| Larva | | | Distribution | 808409 |
| Anatomy | 808144 | | | 808494 |
| Temperature | | | Larva | 808653 |
| Effect on fish | | | Seasonal abundance | 808407 |
| Description and occurrence | 805498 | | Population changes | |
| Seasonal abundance | 805498 | | Larva | 808314 |
| Distribution | 807189 | | Reproductive season | 808577 |
| | 808147 | | <i>Aphanopus minor</i> | |
| Larva | 804893 | | Invalidation | |
| | 806745 | | List of types | 806655 |
| | 808143 | | University of Oslo | 806655 |
| Seasonal abundance | 808279 | | <i>Assurger anzac</i> | |
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| Temperature | 805498 | | Distribution | 808141 |
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| Hydrodynamics | 807979 | Biochemistry | 804674 | |
| <i>Lepidopus caudatus</i> | | Ovarian cycles | 808879 | |
| Ovarian cycles | 808130 | | | Sphyranoidei |
| Sexually dimorphic size | 808130 | Larva | | |
| Vertical distribution | 807995 | Change with age | 807692 | |
| Copepoda | | Seasonal abundance | 807919 | |
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| Distribution | 808141 | Effect on fish | | |
| Seasonal abundance | 808130 | Gas transport by blood | 806664 | |
| Gut contents | | Digenea | | |
| Circadian rhythms | | Parasite systematics | 806417 | |
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| Habitat preference | 808130 | | 806282 | |
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| Vertical distribution | 807663 | Hydrodynamics | 805578 | |
| Distribution | 807663 | | 807979 | |
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| <i>Trichiurus</i> | | Change with age | 807692 | |
| Monogenea | | Habitat preference | 806006 | |
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| Digenea | | Geographic distribution | 807919 | |
| Distribution of infection | 805537 | Fishery statistics | 806618 | |
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| <i>Trichiurus haumela</i> | | | 808494 | |
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| Nematoda | | Seasonal abundance | 808407 | |
| Parasite systematics | 803976 | Archeological data | 804185 | |
| Seasonal abundance | 808591 | <i>Sphyræna</i> | | |
| <i>Trichiurus lator</i> | | Key | 808135 | |
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| Synonymy | 804284 | Distribution of infection | 805537 | |
| Meristics | 804284 | Digenea | | |
| Morphometrics | 805476 | Distribution of infection | 805537 | |
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| Urohyal | | Intensity of infection | 804887 | |
| Anatomy | | Distribution | 807752 | |
| Identification | 807307 | Seasonal abundance | 808873 | |
| Myodome | | Schooling | 806782 | |
| Anatomy | | <i>Sphyræna argentea</i> | | |
| Function | 804932 | Coloration | 807886 | |
| Gills | | Life span | 807190 | |
| Surface volume relationship | | Rate of growth | 807190 | |
| Change with age | 807351 | Distribution | 807227 | |
| Fish communities | 806740 | Gut contents | 807230 | |
| Vertical distribution | 807995 | Habitat preference | 807886 | |
| Digenea | | Reproduction | 807190 | |
| Parasite systematics | 804451 | History of fisheries | 807225 | |
| | 807004 | Habitat destruction | | |
| Distribution | 805476 | Effect on fish | | |
| | 808141 | Seaweeds | 807232 | |
| | 808473 | Fishery statistics | 807232 | |
| | 808873 | Archeological data | 804709 | |
| | 809101 | <i>Sphyræna barracuda</i> | | |
| | 808982 | Axial skeletal muscles | | |
| Larva | | Biochemistry | 805653 | |
| Habitat preference | | Water content | 805653 | |
| Salinity | 808020 | Protein content | 805653 | |
| <i>Trichiurus pantulii</i> | | Lipid and fatty acid content | 805653 | |
| Invalidation | 804284 | Erythrocytes | | |
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| <i>Xiphias gladius</i> | | Distribution of infection | 805473 | |
| Popular names | 806282 | Digenea | | |
| Body form | | Parasite systematics | 804451 | |
| Swimming | | Cestoda | | |
| Function | 805578 | Distribution of infection | 805473 | |
| Mucus | | Acanthocephala | | |
| Hydrodynamics | | Distribution of infection | 805473 | |
| Function | 804565 | Ostraciidae | | |
| Axial skeletal muscles | | <i>Ostracion meleagris</i> | | |
| Hypoxanthine | | Rejection as food | 807595 | |

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| Sphyranoidei (continued) | Distribution | 804215 | <i>Ariomma lurida</i> | |
| | Habitat preference | 807885 | Meristics | 805212 |
| | Coral reef | 805226 | Morphometrics | 805212 |
| | Avoidance responses | 807205 | Distribution | 805212 |
| Stromateoidei | Home range and homing | 808154 | <i>Ariomma multisquamis</i> | |
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| Ariommidae | Habitat preference | 807885 | Otoliths | |
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| Centrolophidae | <i>Sphyracna guanchancho</i> | | Biochemistry | |
| | Distribution | 809101 | Function | 803878 |
| | Avoidance responses | | Development | 803878 |
| | Trawling | 807764 | Centrolophidae | |
| | <i>Sphyracna japonica</i> | | Key | 804850 |
| | Visceral skeleton | | Otoliths | |
| | Urohyal | | Ultrastructure | 803878 |
| | Anatomy | | Function | 803878 |
| | Identification | 807307 | Development | |
| | Axial skeletal muscles | | Biochemistry | |
| | Biochemistry | | Function | 803878 |
| | Mineral content | 806577 | Development | 803878 |
| | NAD | | Population changes | |
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| | Protease | | Urohyal | |
| | Enzymology | | Anatomy | |
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| | Meristics | 806816 | Visceral skeleton | |
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| Function | 805251 | Invalidation | 805264 | |
| Chloride cells | | <i>Cottus liljeborgi</i> | | |
| Histology | | Invalidation | 806655 | |
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| Arterial system | | Permeability | | |
| Gills | | Ion and water relationships | | |
| Anatomy | 805251 | Experimental analysis | 804191 | |
| Biochemical blood constituents | 806257 | Salinity | | |
| Gut | | Effect on fish | | |
| Anatomy | 805601 | Ion and water relationships | 806630 | |
| Histology | 805601 | Water ingestion | 806630 | |
| Function | 805601 | | | |

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| | Pesticide content | | Acclimation | |
| | Dieldrin | | Description and occurrence | 808294 |
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| | Productivity | 806992 | Acclimation | |
| | Artificial model habitats | 806992 | Description and occurrence | 808294 |
| | <i>Cottus petiti</i> | | Bacteria | |
| | Invalidation | 805264 | Chitinolytic bacteria | |
| | <i>Cottus poecilopus</i> | | As commensal | 806617 |
| | Relationships | 806257 | Population structure | 806617 |
| | Identifying characters | 804053 | Gut contents | 807886 |
| | Synonymy | 805264 | Habitat preference | 807886 |
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| | General structure and behavior | 807942 | Pathology and parasitism | 806617 |
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| | Anatomy | | Anatomy | |
| | Function | 804681 | Use in systematics | 805265 |
| | Biochemical blood constituents | 806257 | <i>Myoxocephalus</i> | |
| | Sexually dimorphic body form | 804053 | Relationships | |
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| | | 805459 | Identifying characters | 806854 |
| | Distribution | 804053 | Meristics | 806854 |
| | | 806282 | Morphometrics | 806854 |
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| | | 805459 | Distribution of infection | 806904 |
| | Activity patterns | | Acanthocephala | |
| | Inheritance | | Distribution of infection | 806904 |
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| | Experimental analysis | 803932 | | 808982 |
| | Light | | <i>Myoxocephalus aeneus</i> | |
| | Experimental analysis | 803932 | Distribution | 807448 |
| | Habitat preference | 804053 | Reproductive season | 807448 |
| | | 805199 | Habitat preference | 807448 |
| | | 805459 | <i>Myoxocephalus bubalus</i> | |
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| Salinity | 804965 | Use in systematics | 805265 | |
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| Enzymology | | Habitat preference | 805205 | |
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| Brain | | Juvenile | 805205 | |
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| Biochemistry | 806806 | Reproductive season | 805205 | |
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| Function | 808373 | Histology | | |
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| Glutamine synthetase | | Rate of growth | 807190 | |
| Enzymology | | Distribution within habitat | 807227 | |
| Biochemistry | 808942 | Distribution | 807227 | |
| Nitrogen metabolism | | Feeding | 807190 | |
| Biochemistry | 806806 | Gut contents | 807227 | |
| Urea | | Habitat preference | 807230 | |
| Nitrogen metabolism | | Poisonous roe | 807190 | |
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| Biochemistry | 806806 | Temperature | | |
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| Adaptation | 804965 | Salinity | | |
| Salinity | | Experimental analysis | 805399 | |
| Effect on fish | | Seasonal changes | | |
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| Water ingestion | 806630 | Salinity | 804965 | |
| Digenea | | Gills | | |
| Parasite systematics | 806261 | Surface volume relationship | | |
| Cestoda | | Change with age | 807351 | |
| Host parasite interactions | 806261 | Gut | | |
| Aves | | Anatomy | | |
| As predator | 804065 | Histology | 805601 | |
| Gut contents | 805022 | Function | 805601 | |
| Habitat preference | | Liver | | |
| Temperature | | Biochemistry | | |
| Experimental analysis | 808768 | Lactate dehydrogenase | 803619 | |
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| Hydrogen ion concentration | | Adaptation | 804965 | |
| Labyrinth | | Salinity | | |
| Blood and lymph | 808476 | Effect on fish | | |
| Distribution | 807195 | Ion and water relationships | 806630 | |
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| Sperm | | Preying on small prey | 805601 | |
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| Development | 804068 | Length frequency | | |
| Temperature | | Seasonal changes | 805205 | |
| Acclimation | | Reproductive season | 805205 | |
| Description and occurrence | 808294 | Habitat preference | 805205 | |
| Effect on fish | | Migrations | | |
| Feeding | 806855 | Juvenile | 805205 | |
| Salinity | | Cottocomphoridae | | |
| Acclimation | | <i>Cottocomphorus comephoroides</i> | | |
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| Tidal rhythms | 806855 | Habitat preference | 807760 | |
| Habitat preference | 806855 | <i>Cottocomphorus grewingi</i> | | |
| Home range and homing | 806855 | Rate of growth | 807760 | |
| <i>Oligocottus snyderi</i> | | Habitat preference | 807760 | |
| Organic pollutants | | | | |

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| | Distribution | 806788 | Identifying characters | |
| Icelidae | <i>Cottunculus costaeacanthariae</i> | | Suckers | 804261 |
| | Identifying characters | 806788 | Anatomy | |
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| Cyclopteridae | Relationships | 807262 | Reproductive season | 807635 |
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| Icelidae | Anatomy | | Change with age | |
| | Function | 807262 | Seasonal changes | 807635 |
| Cyclopteridae | Descriptive evolution | 807262 | <i>Liparis tunicatus</i> | |
| | Distribution | 808476 | Distribution | 805022 |
| Icelidae | Larva | 808982 | <i>Paraliparis</i> | |
| | Young | 807704 | Jaw muscles | |
| Cyclopteridae | <i>Acantholiparis</i> | | Anatomy | |
| | Distribution | 807418 | Function | 807262 |
| Icelidae | <i>Acantholiparis caecus</i> | | Descriptive evolution | 807262 |
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| Cyclopteridae | Relationships | 807418 | List of types | |
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| Icelidae | Pyloric caeca | 807418 | <i>Rhodichthys regina</i> | |
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| Cyclopteridae | <i>Acantholiparis opercularis</i> | | University of Oslo | 806655 |
| | Identifying characters | 807418 | Icelidae | |
| Icelidae | <i>Aptocyclus ventricosus</i> | | Distribution | |
| | Distribution | | Larva | 808982 |
| Cyclopteridae | Larva | 808982 | <i>Artedius corallinus</i> | |
| | <i>Careproctus</i> | | Population density | 807233 |
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| | Decapoda | | Habitat preference | 807188 |
| Cyclopteridae | As shelter for fish | | <i>Artedius notospilotus</i> | |
| | Egg | 804888 | Carpuscles of Stannius | |
| Icelidae | Distribution | 807663 | Anatomy | |
| | <i>Careproctus longipinnis</i> | | Histology | 805149 |
| Cyclopteridae | Distribution | 805339 | Ultrastructure | 805149 |
| | Jaw muscles | | Function | 805149 |
| Icelidae | Anatomy | | Juxtaglomerular apparatus | |
| | Function | 807262 | Histology | |
| Cyclopteridae | Descriptive evolution | 807262 | Function | 805149 |
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| Icelidae | Suckers | | List of types | |
| | Anatomy | | University of Oslo | 806655 |
| Cyclopteridae | Experimental analysis | 806368 | <i>Ceratocottus diceraus</i> | |
| | Coloration | 805022 | Distribution | 808476 |
| Icelidae | Retina | | <i>Elanura forficata</i> | |
| | Histology | | List of types | |
| Cyclopteridae | Function | 807374 | University of Oslo | 806655 |
| | Ciliata | | <i>Hemilepidotus</i> | |
| Icelidae | Parasite systematics | 804882 | Distribution | |
| | Mammalia | | Larva | 808471 |
| Cyclopteridae | As predator | 805518 | <i>Hemilepidotus gilberti</i> | |
| | Seasonal abundance | 807207 | Distribution | |
| Icelidae | Gut contents | 805022 | Larva | 808982 |
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| Cyclopteridae | Fecundity | 807553 | Digena | |
| | Permanent sexual coloration | 807553 | Incidence of infection | 807390 |
| Icelidae | Sexually dimorphic skin | 807553 | <i>Hemilepidotus jordani</i> | |
| | Reproductive season | 807553 | Distribution | |
| Cyclopteridae | Habitat preference | 807553 | Larva | 808982 |
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| Icelidae | Ciliata | | List of types | |
| | Parasite systematics | 804882 | University of Oslo | 806655 |
| Cyclopteridae | <i>Liparis</i> | | <i>Icelinus oculatus</i> | |
| | Jaw muscles | | Redescription | 805952 |
| Icelidae | Anatomy | | Distribution | 805952 |
| | Function | 807262 | <i>Icelinus quadriseriatus</i> | |
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| | Distribution | | Population changes | 808715 |
| Icelidae | Larva | 808471 | Organic pollutants | |
| | <i>Liparis atlanticus</i> | 808982 | Subitertal zone | 808715 |
| Cyclopteridae | Sporozoa | | <i>Icelinus tenuis</i> | |
| | Host parasite interactions | 807412 | Ovarian cycles | 808715 |
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| | Invalidation | 806655 | Distribution | 807517 |
| Cyclopteridae | List of types | 806655 | <i>Icelus canaliculatus</i> | |
| | University of Oslo | 806655 | List of types | |
| Icelidae | <i>Liparis koeleodi</i> | | University of Oslo | 806655 |
| | Coloration | 805022 | <i>Icelus spiniger</i> | |
| Cyclopteridae | Distribution | 805022 | List of types | |
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| | Identifying characters | 804261 | <i>Icelus uncinatus</i> | |
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| | | | Anatomy | 804895 |

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| List of types | | Identification | 807307 | | Psychrolutidae |
| University of Oslo | 806655 | Axial skeletal muscles | | | |
| <i>Radulinus asprellus</i> | | NAD | | | |
| List of types | | Enzymology | | | Hexagrammoidei |
| University of Oslo | 806655 | Biochemistry | 805508 | | |
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| Arterial system | | Temperature | 809100 | | Anoplopomatidae |
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| Retina | | Identifying characters | 807904 | | |
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| Fecundity | 807370 | Function | 805149 | | |
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| Function | 807771 | Incidence of infection | | | |
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| Polymorphism | | Host parasite interactions | 807532 | | |
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| Population genetics | 807514 | Reproductive season | 807904 | | |
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| Incidence of infection | | | 807233 | | |
| Intensity of infection | 807495 | Egg laying | 807188 | | |
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| Incidence of infection | | Visceral skeleton | | | |
| Intensity of infection | 807495 | Urohyal | | | |
| Nematoda | | Anatomy | | | |
| Incidence of infection | | Identification | 807307 | | |
| Intensity of infection | 807495 | Distribution | 808475 | | |
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| Incidence of infection | | | 808745 | | |
| Intensity of infection | 807495 | Seasonal abundance | 809100 | | |
| Distribution | | Habitat preference | | | |
| Larva | 808982 | Temperature | 809100 | | |
| Mass mortalities | | <i>Pleurogrammus monopterygius</i> | | | |
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| Ultrastructure | 805149 | | 805206 | | |
| Function | 805149 | Habitat preference | 805205 | | |
| Juxtaglomerular apparatus | | <i>Elates thompsoni</i> | | | |
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| Function | 805149 | Larva | 808982 | | |
| Availability and use of food | 803519 | <i>Inegocia guttata</i> | | | |
| <i>Hexagrammos otaki</i> | | Distribution | | | |
| Visceral skeleton | | Larva | 808982 | | |
| Urohyal | | | | | |

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| Platycephaloidei (continued) | <i>Inegocia japonica</i> | | Distribution | 805339 |
| | Food chains | 805205 | | 806781 |
| | Seasonal abundance | 805205 | | 807227 |
| | Habitat preference | 805206 | | 807903 |
| Scorpaenoidei | <i>Neoplatycephalus speculator</i> | | | 808471 |
| | Distribution | 808153 | | 808494 |
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| Aploactinidae | Parasite systematics | 805071 | Population changes | 808982 |
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| | <i>Platycephalus indicus</i> | | | 808715 |
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| | <i>Platycephalus scaber</i> | | Distribution | 804215 |
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| | Seasonal abundance | 808591 | Distribution | 806736 |
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| | Anatomy | | Subspecies | 807036 |
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| | Redescription | 808284 | Diagnosis | 807036 |
| | Distribution | 808284 | Vertical distribution | 807036 |
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| Scorpaenidae | | | Redescription | 805718 |
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| | Function | 807262 | <i>Pontinus</i> | |
| | Descriptive evolution | 807262 | Relationships | 807036 |
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| | Larva | 807694 | Ion and water relationships | 804908 |
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| Urohyal | | Copepoda | | |
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| NAD | | <i>Chilomycterus affinis</i> | | |
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| Adlibitum food capacity | 805430 | <i>Chilomycterus schoepfi</i> | | |
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| Experimental analysis | 805502 | Ultrastructure | 808774 | |
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| Seasonal abundance | 805205 | Surface volume relationship | | |
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| Change with age | 805205 | Seasonal abundance | 808873 | |
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| Lethal environmental limits | 807806 | Distribution | 807091 | |
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| Seasonal changes | 805205 | Seasonal abundance | | |
| Feeding | | Temperature | 804801 | |
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| Anatomy | 806230 | Migrations | 809100 | |
| Development | 806230 | <i>Mola mola</i> | | |
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| Mass mortalities | | <i>Ranzania truncata</i> | 804144 | |
| Seasonal abundance | | Museum | | |
| Temperature | 804801 | Broussonet Collection | 805145 | |
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| Coloration | 806781 | Distribution | 806781 | |
| Group behavior | 806781 | | 808494 | |
| <i>Sufflamen capistratus</i> | | Habitat preference | 808653 | |
| Rate of growth | 806728 | Poisonous fish | 807885 | |
| <i>Sufflamen verres</i> | | <i>Lactophrys quadricornis</i> | 804245 | |
| Activity patterns | | Monogenea | | |
| Circadian rhythms | 808465 | Parasite systematics | 804823 | |
| Gut contents | 808465 | Fish control agents | | |
| Shooting and jetting for food | | Antimycin | | |
| Fanning for food | 808465 | Lethal environmental limits | 807806 | |
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| Museum | | Distribution | 809101 | |
| Broussonet Collection | 805145 | <i>Lactophrys trigonus</i> | | |
| Diodontidae | | Erythrocytes | 807814 | |
| Poison content | | Cytology | 807814 | |
| Biochemistry | 805462 | Hemoglobin | | |
| Oral teeth | 808370 | Museum | | |
| Miocene | 808370 | Broussonet Collection | 805145 | |
| Distribution | 808370 | <i>Lactoria cornutus</i> | | |
| | 808653 | Habitat preference | | |
| Habitat preference | 807885 | Coral reef | 805226 | |
| Poisonous fish | 805462 | | | |
| Source of pharmaceuticals | 805462 | | | |
| Archaeological data | 804185 | | | |

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| | Synonymy | 806781 | Juvenile | 805205 |
| | Coloration | 806781 | <i>Canthigaster rostrata</i> | |
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| | <i>Ostracion cyanurus</i> | | Habitat preference | 807885 |
| | Habitat preference | 807935 | <i>Colomesus psittacus</i> | |
| | <i>Ostracion lentiginosus</i> | | Oxygen deficiencies in habitat | |
| | Mucus glands | | Lethal environmental limits | |
| | Histology | 804245 | Experimental analysis | 807949 |
| | Mucus | | <i>Fugu niphobles</i> | |
| | Poison content | | Visceral skeleton | |
| | Biochemistry | 804245 | Urohyal | |
| | Function | 804245 | Anatomy | |
| | <i>Ostracion meleagris</i> | | Identification | 807307 |
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| | Labial glands | | Biochemical blood constituents | |
| | Poisons liberated into water | | Biochemistry | 804535 |
| | Anatomy | 807595 | Gut | |
| | Histology | 807595 | Anatomy | |
| | Poison content | | Histology | 806235 |
| | Captive vs natural fishes | | Development | 806235 |
| | Experimental analysis | 807595 | Larva | |
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| | Poisons liberated into water | | Development | 806230 |
| | Histology | 807595 | Intestine | |
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| | Distribution | 804215 | Water content | 806314 |
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| | Seasonal abundance | 808982 | Availability and use of food | 805205 |
| | Habitat preference | 805206 | Migrations | |
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| | Distribution | | Mass mortalities | |
| | Larva | 808982 | Seasonal abundance | |
| Tetraodontidae | <i>Fugu pardalis</i> | | Temperature | 804801 |
| | Poison content | | <i>Fugu pardalis</i> | |
| | Biochemistry | 805462 | Axial skeletal muscles | |
| | Monogenea | | NAD | |
| | Distribution of infection | 805537 | Enzymology | |
| | Digenea | | Biochemistry | 805508 |
| | Distribution of infection | 805537 | Migrations | |
| | Parasite systematics | 807004 | Juvenile | 805205 |
| | Distribution | 806781 | <i>Fugu poecilonotus</i> | |
| | | 807091 | Mass mortalities | |
| | | 808473 | Seasonal abundance | |
| | | 808494 | Temperature | 804801 |
| | | 808653 | <i>Fugu rubripes</i> | |
| | | 809101 | Gut | |
| | Larva | 807694 | Anatomy | |
| | | 808982 | Histology | 806235 |
| | Seasonal abundance | 805206 | Development | 806235 |
| | Gut contents | 806763 | Larva | |
| | | 807092 | Anatomy | 806230 |
| | | | Development | 806230 |
| | Habitat preference | | <i>Fugu vermicularis</i> | |
| | Young | 807210 | Maintenance energy requirements | 805430 |
| | Poisonous fish | 805462 | Adibitum food capacity | 805430 |
| | Biochemistry | | Rate of growth | |
| | Experimental analysis | 809085 | Experimental analysis | 805503 |
| | Source of pharmaceuticals | 804246 | Circadian rhythms | |
| | | 805462 | Experimental analysis | 805502 |
| | | 805539 | Water movement | |
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| | Habitat preference | 806781 | Migrations | 809100 |
| | Sound production | 806781 | <i>Fugu xanthopterus</i> | |
| | <i>Arothron diadematus</i> | | Poisonous fish | 807241 |
| | Habitat preference | 807935 | <i>Hemiconiatus guttifer</i> | |
| | <i>Arothron hispidus</i> | | Fish communities | 806740 |
| | Subspecies | 806781 | <i>Lagocephalus laevis</i> | |
| | <i>Arothron meleagris</i> | | Fish communities | 806740 |
| | Habitat preference | | Copepoda | |
| | Coral reef | 805226 | Parasite systematics | 803738 |
| | Museum | | Habitat preference | |
| | Broussonet Collection | 805145 | Salinity | 808020 |
| | <i>Arothron nigropunctatus</i> | | Fish control agents | |
| | Gross external anatomy | 807945 | Antimycin | |
| | <i>Boesemianichthys filamentosus</i> | | Lethal environmental limits | 807806 |
| | Mass mortalities | | <i>Lagocephalus lagocephalus</i> | |
| | Seasonal abundance | | Distribution | 804512 |
| | Temperature | 804801 | <i>Lagocephalus lunaris</i> | |
| | <i>Canthigaster</i> | | Poisonous fish | 807241 |
| | Habitat preference | | <i>Liosaccus cutaneus</i> | |
| | Coral reef | 805226 | Digenea | |
| | <i>Canthigaster margaritatus</i> | | Distribution of infection | 805489 |
| | Synonymy | 806781 | Cestoda | |
| | <i>Canthigaster rivulatus</i> | | Distribution of infection | 805489 |
| | Visceral skeleton | | <i>Acanthocephala</i> | |
| | Urohyal | | Distribution of infection | 805489 |
| | Anatomy | | <i>Pleuronacanthus scleratus</i> | |
| | Identification | 807307 | Poisonous fish | 807241 |

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| <i>Spherooides</i> | | | <i>Nematoda</i> | | | Triacanthidae |
| Validation | 807609 | | Incidence of infection | 804080 | | |
| Key | 808403 | | Parasite life history | 804080 | | |
| <i>Spherooides annulatus</i> | | | <i>Tetraodon fluviatilis</i> | | | Triacanthodidae |
| Temperature | | | Telencephalon | | | |
| Acclimation | | | Anatomy | 804562 | | |
| Description and occurrence | 808294 | | Metencephalon | | | |
| Salinity | | | Histology | | | |
| Acclimation | | | Function | 804563 | | Zeiformes |
| Description and occurrence | 808294 | | <i>Tetraodon laterna</i> | | | |
| <i>Spherooides formosus</i> | | | List of types | | | |
| Digenea | | | Iconotype | 805935 | | |
| Parasite systematics | 804635 | | <i>Tetraodon lecoinae</i> | | | Caproidae |
| <i>Spherooides furthi</i> | | | Oral teeth | 808370 | | |
| Distribution | 807997 | | Miocene | 808370 | | |
| <i>Spherooides maculatus</i> | | | Distribution | 808370 | | Oreosomatidae |
| Identifying characters | 807609 | | <i>Tetraodon leirus</i> | | | |
| Synonymy | 807609 | | Population changes | 808630 | | |
| Morphometrics | 807609 | | <i>Tetraodon mbu</i> | | | |
| Poison content | | | Distribution | 805573 | | Zeidae |
| Skin | | | <i>Tetraodon miurus</i> | | | |
| Treatment for disease | 803903 | | Distribution | 805573 | | |
| Oculomotor nerve | | | <i>Tetraodon oblongus</i> | | | |
| Synapses | | | Diencephalon | | | |
| Ultrastructure | 808774 | | Habenula | | | |
| Experimental analysis | 808774 | | Anatomy | | | |
| Supramedullary neurones | | | Function | 805872 | | |
| Ultrastructure | | | <i>Tetraodon ocellatus</i> | | | |
| Biochemistry | 804581 | | List of types | 805935 | | |
| Gills | | | <i>Tetraodon palembangensis</i> | | | |
| Surface volume relationship | | | General structure and behavior | 803841 | | |
| Change with age | 807351 | | Hydrodynamics | 807979 | | |
| Intraspecific variation | 807609 | | <i>Tetraodon pataca</i> | | | |
| Sporozoa | | | Visceral skeleton | | | |
| Incidence of infection | 807412 | | Anatomy | | | |
| Distribution | 807609 | | Function | 807982 | | |
| Juvenile | 806950 | | Skull | | | |
| Habitat preference | 807609 | | Anatomy | 807982 | | |
| Fish as food | 804105 | | <i>Tetraodon stellatus</i> | | | |
| <i>Spherooides nephelus</i> | | | Habitat preference | 805401 | | |
| Identifying characters | 807609 | | Triacanthidae | | | |
| Synonymy | 807609 | | <i>Pseudotriacanthus strigilifer</i> | | | |
| Morphometrics | 808403 | | Distribution | 808494 | | |
| Intraspecific variation | 807609 | | Larva | 808982 | | |
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| Distribution | 807609 | | Distribution | 808494 | | |
| | 808403 | | Reproductive season | 808577 | | |
| Reproductive season | 807609 | | Gut contents | 808577 | | |
| Seasonal abundance | 805068 | | Triacanthodidae | 808579 | | |
| Habitat preference | 807609 | | <i>Parahollardia lineata</i> | | | |
| Fish control agents | | | Habitat preference | 807885 | | |
| Antimycin | | | Zeiformes | | | |
| Lethal environmental limits | 807806 | | Relationships | 807262 | | |
| <i>Spherooides pardalis</i> | | | Key | 808135 | | |
| Gonadotropin | | | Caudal skeleton | | | |
| Effect on fish | | | Anatomy | | | |
| Poison content | 804625 | | Descriptive evolution | 807262 | | |
| Liver | 804625 | | Gill arch teeth | | | |
| | | | Anatomy | | | |
| Poison content | | | Descriptive evolution | 807964 | | |
| Biochemical sex differences | 804625 | | Caproidae | | | |
| Change with age | 804625 | | Redefinition | 808135 | | |
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| New species | 808403 | | <i>Antigonia capros</i> | | | |
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| Meristics | 808403 | | <i>Antigonia combata</i> | | | |
| Morphometrics | 808403 | | Distribution | 809101 | | |
| Coloration | 808403 | | <i>Capros aper</i> | | | |
| Zoogeography | 808403 | | Otoliths | 805887 | | |
| Distribution | 808403 | | Vertical distribution | 807995 | | |
| <i>Spherooides spengleri</i> | | | Distribution | 804261 | | |
| Habitat preference | 807885 | | Oreosomatidae | | | |
| <i>Spherooides testudineus</i> | | | <i>Cyttosoma maculatus</i> | | | |
| Jaws | | | Synonymy | 806542 | | |
| Anatomy | 804145 | | Distribution | 806542 | | |
| Oral teeth | | | Zeidae | | | |
| Anatomy | | | Key | 808135 | | |
| Histology | 804145 | | Digenea | | | |
| <i>Tetraodon</i> | | | Parasite systematics | 806417 | | |
| <i>Alepisauridae</i> | | | Distribution | 808409 | | |
| <i>Alepisaurus ferox</i> | | | <i>Cyttus roseus</i> | | | |
| As predator | 806067 | | Fish communities | 806740 | | |
| <i>Tetraodon lahaka</i> | | | <i>Zenopsis conchifer</i> | | | |
| Digenea | | | Gross external anatomy | | | |
| Incidence of infection | 804080 | | Young | 804776 | | |
| Parasite life history | 804080 | | Fish communities | 806740 | | |
| Host parasite interactions | 804080 | | Cestoda | | | |
| Cestoda | | | Distribution of infection | 805489 | | |
| Incidence of infection | 804080 | | Distribution | 804776 | | |
| Intensity of infection | 804080 | | <i>Zenopsis nebulosa</i> | | | |
| Parasite life history | 804080 | | Distribution | 808733 | | |
| | | | Gut contents | 808733 | | |

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| Zeidae (continued) | <i>Zeus</i> | | <i>Atherina lucasana</i> | |
| | Monogenea | | List of types | |
| | Digenaea | 805537 | Museum National d'Histoire Naturelle | 805145 |
| | Digenaea | | Museum | |
| | Digenaea | 805537 | Broussonet Collection | 805145 |
| Atherinomorpha | <i>Zeus australis</i> | | <i>Atherina mochon</i> | |
| | Habitat preference | 807237 | Identifying characters | 805951 |
| | <i>Zeus faber</i> | | Redescription | 805951 |
| | Synonymy | 806282 | Invalidation | 806418 |
| Atheriniformes | Popular names | 806282 | Popular names | 806282 |
| | Saccus vasculosus | | Ovarian cycles | |
| | Anatomy | | Abnormality | 808300 |
| | Histology | 807944 | Testicular cycles | 808300 |
| Atherinidae | Gills | | Water pressure | |
| | Surface volume relationship | | Effect on fish | |
| | Change with age | 807351 | Hydrostatics | 807979 |
| | Hemoglobin | | Distribution | 805951 |
| | Change with age | 805728 | Expansion of range by man | 806282 |
| | Vertical distribution | 807995 | Hydrostatics | 808300 |
| | Digenaea | | Seasonal changes | 807979 |
| | Distribution of infection | 805473 | Hydrodynamics | |
| | Cestoda | | Change with age | 807979 |
| | Host parasite interactions | 806261 | Habitat preference | 804098 |
| | Distribution | 806282 | Schooling | |
| | Hydrodynamics | | Muscular electrophysiology | |
| | Change with age | 807979 | Spatial orientation | 805535 |
| Atherinomorpha | Relationships | 807171 | Sound production | 805535 |
| | Relationships | 807262 | Optomotor response | 806339 |
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| | Function | 807262 | Gill arch teeth | |
| | Descriptive evolution | 807262 | Anatomy | 807964 |
| | Artificial hybridization | | <i>Atherina presbyter</i> | |
| | Use in systematics | | Relationships | 806418 |
| | Relationships | 807661 | Identifying characters | 805951 |
| Atheriniformes | | | Redescription | 805951 |
| | Gill arch teeth | | Synonymy | 806418 |
| | Anatomy | | Meristics | 806418 |
| | Descriptive evolution | 807964 | Morphometrics | 806418 |
| Atherinidae | | | Axial skeletal muscles | |
| | Key | | Esterases | |
| | Digenaea | 804352 | Biochemistry | 808944 |
| | Parasite systematics | 806418 | Otoliths | 805887 |
| | Distribution | 808135 | Life span | 806418 |
| | | | Vertical distribution | 807995 |
| | | | Distribution | 806418 |
| | | | Habitat preference | |
| | | | Salinity | 806418 |
| | Gut contents | 807004 | <i>Atherina isurugae</i> | |
| | Habitat preference | 804352 | ATP asc content and function | |
| | Larva | 807091 | Gills | |
| | <i>Allanetta alba</i> | 806781 | Ion and water relationships | 804908 |
| | Redescription | 806781 | <i>Atherinomorus stipes</i> | |
| | Synonymy | 806781 | Habitat preference | 807885 |
| | Group behavior | 806781 | <i>Atherinops affinis</i> | |
| | <i>Allanetta harringtonensis</i> | | Coloration | 807886 |
| | Habitat preference | 807885 | Distribution within habitat | 807227 |
| | <i>Atherina bleekeri</i> | | Distribution | 807227 |
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| | Urohyal | | Feeding | 807227 |
| | Anatomy | | Gut contents | 807230 |
| | Identification | 807307 | <i>Atherinopsis californiensis</i> | |
| | <i>Atherina bonapartei</i> | | Pincal | |
| | Invalidation | 806418 | Hydroxytryptamine | |
| | <i>Atherina boyeri</i> | | Biochemistry | 805030 |
| | Relationships | 806418 | Corpuscles of Stannius | |
| | Synonymy | 806418 | Anatomy | |
| | Meristics | 806418 | Histology | 805149 |
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| | Life span | 806418 | Function | 805149 |
| | Polymorphism | | Juxtaglomerular apparatus | |
| | Populations | 806418 | Histology | |
| | Isopoda | | Function | 805149 |
| | Incidence of infection | 806418 | <i>Atherion africanus</i> | |
| | Distribution | 806418 | Identifying characters | 806781 |
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| | Habitat preference | | <i>Atherion elymus</i> | |
| | Salinity | 806418 | Gut contents | 807092 |
| | Reproduction | 806418 | <i>Austrotherina incisa</i> | |
| | <i>Atherina hepsetus</i> | | Ciliata | |
| | Relationships | 806418 | Parasite systematics | 806823 |
| | Synonymy | 806418 | <i>Basilichthys</i> | |
| | Popular names | 806282 | Digenaea | |
| | Meristics | 806418 | Host parasite interactions | 807387 |
| | Morphometrics | 806418 | <i>Basilichthys bonariensis</i> | |
| | Life span | 806418 | Digenaea | |
| | Distribution | 806282 | Parasite life history | 804172 |
| | Habitat preference | 806418 | Introduction for fishery | 806845 |
| | Salinity | 806418 | <i>Bedotia geayi</i> | |
| | Myxosporidiosis | 805466 | General structure and behavior | 805710 |
| | | | <i>Chirostoma</i> | |
| | | | Pleistocene | 804732 |
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| <i>Craterocephalus capreolus</i> | | Melanotaeniidae | |
| List of types | | <i>Melanotaenia fluviatilis</i> | |
| University of Oslo | 806655 | Scales | |
| <i>Craterocephalus fluviatilis</i> | | Identification | 808628 |
| Scales | | <i>Melanotaenia maccullochi</i> | |
| Identification | 808628 | Habitat preference | 805842 |
| <i>Hepsetia</i> | | Reproduction | 805772 |
| Invalidation | 806418 | <i>Pseudomugil signifer</i> | |
| <i>Hepsetia pinguis</i> | | Reproduction | 803533 |
| Distribution | 804215 | <i>Rhadinocentrus ornatus</i> | |
| <i>Hubbsiella sardina</i> | | Habitat preference | 805842 |
| Lunar rhythms | | <i>Rhomosoma trifasciata</i> | |
| Activity patterns | | List of types | |
| Reproduction | 807035 | University of Oslo | 806655 |
| <i>Hypoatherina tsurugae</i> | | <i>Telmatherina ladiges</i> | |
| Synonymy | 808135 | Reproduction | 803636 |
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| NAD | | Contact organs | |
| Enzymology | | Anatomy | 806868 |
| Biochemistry | 805508 | Zoogeography | 804941 |
| <i>Labidesthes sicculus</i> | | Distribution | 804328 |
| General structure and behavior | 806674 | Anablepidae | |
| Distribution | 805646 | <i>Anableps anableps</i> | |
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| Population changes | 803895 | Gross external anatomy | |
| Habitat preference | 807268 | Eye | 804849 |
| <i>Leuresthes tenuis</i> | | Orientation to surface | 804849 |
| Developing egg | 808707 | <i>Anableps dowei</i> | |
| Larva | 808707 | Distribution | 806682 |
| Lunar rhythms | | Cyprinodontidae | |
| Activity patterns | | Relationships | 808268 |
| Reproduction | 807035 | Key | 804352 |
| Reproduction | 808137 | Scalation | |
| | 808707 | Head | 808268 |
| Mating | | Caudal fin | 808268 |
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| Fecundity | 808171 | Adenohypophysis | |
| Larva | | Experimental analysis | 804536 |
| Change with age | 808139 | Salinity | |
| Distribution within habitat | | Experimental analysis | 804536 |
| Larva | | Pigment cells | |
| Circadian rhythms | 808139 | Prolactin | |
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| Larva | | Prolactin | |
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| Fish control agents | | Use in systematics | |
| Antimycin | | Anatomy | 807954 |
| Lethal environmental limits | 807806 | Function | 807954 |
| <i>Menidia extensa</i> | | Hemoglobin | |
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| General structure and behavior | 803513 | Biochemistry | 805895 |
| Gross external anatomy | 807835 | Protein specificity | 805895 |
| Meristics | 807835 | Developing egg | 808268 |
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| Fecundity | 807835 | Mineral waters | 804468 |
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| Rate of growth | 807835 | Digena | |
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| Seasonal changes | 807835 | Reproductive season | 806635 |
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| Acclimation | | Antimycin | |
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| Distribution | | Breeding and rearing | 804643 |
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| Redescription | 806781 | <i>Aphanius dispar</i> | |
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| Distribution | 807014 | Effect on fish | |
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| <i>Taeniomembras microstomus</i> | | Distribution | 805565 |
| Ion and water relationships | | <i>Aphanius eilensis</i> | |
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| Salinity | 804526 | Intraspecific variation | 807301 |
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| Lethal environmental limits | | Oral teeth | |
| Experimental analysis | 804526 | Intraspecific variation | 807301 |
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| Aphanius to Cyprinodon | Biochemistry | 807022 | Habitat preference | 808264 |
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| | Habitat preference | 803853 | <i>Aplocheilichthys macrophthalmus X</i> | |
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| | <i>Aphanius iberus</i> | | Hybrid sterility | 808264 |
| | Habitat preference | 803853 | <i>Aplocheilichthys spilarchen</i> | |
| | <i>Aphanius mento</i> | | Meristics | 808019 |
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| | <i>Aphyoplatys</i> | | Seasonal abundance | 806120 |
| | Key | 805802 | Habitat preference | 806088 |
| | <i>Aphyosemion</i> | | Salinity | 808020 |
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| | Identifying characters | 805056 | Distribution | 805579 |
| | Synonymy | 806477 | <i>Aplocheilus lineatus</i> | |
| | Key | 805802 | General structure and behavior | 805795 |
| | General structure and behavior | 803659 | | 805838 |
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| | Coloration | 806088 | Habitat preference | 808632 |
| | Annual fish | 808259 | <i>Austrofundulus dolichopterus</i> | |
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| | | 806088 | Annual fish | 808268 |
| | Habitat preference | 806088 | Caryotype | 808268 |
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| | | 805854 | <i>Chriopoides pengelleyi</i> | |
| | <i>Aphyosemion bualanum</i> | | Coloration | 808269 |
| | Synonymy | 808261 | Distribution within habitat | 808269 |
| | General structure and behavior | 803503 | Distribution | 808269 |
| | Coloration | 808261 | Gut contents | 808269 |
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| | <i>Aphyosemion coeruleum</i> | | <i>Cubanichthys cubensis</i> | |
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| | Reproduction | 806490 | <i>Cynolebias</i> | |
| | <i>Aphyosemion exiguum</i> | | Temperature | |
| | Coloration | 808261 | Description and occurrence | 805010 |
| | Habitat preference | 808261 | Distribution | 805010 |
| | Reproduction | 808261 | | 808260 |
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| | <i>Aphyosemion liberense</i> | | Annual fish | 808260 |
| | Annual fish | 808259 | Rate of growth | 808499 |
| | <i>Aphyosemion oeseri</i> | | Temperature | |
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| | <i>Aphyosemion roloffi</i> | | Life span | 804135 |
| | Annual fish | 808259 | Habitat preference | 808260 |
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| | Relationships | 808264 | Breeding and rearing | 808270 |
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| | | 808264 | Availability and use of food | 806913 |
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| | <i>Aplocheilichthys macrurus</i> | | Descriptive evolution | 804951 |
| | Invalidation | 808264 | <i>Cyprinodon atrorus</i> | |
| | <i>Aplocheilichthys normani</i> | | Circadian rhythms | 804951 |
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| Effect on fish | | Use in biological control | 808275 | to |
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| Mating | 804947 | Habitat preference | 805038 | |
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| <i>Cyprinodon macularius</i> | | Redescription | 808266 | |
| Temperature | | Subspecies | 808272 | |
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| Effect on fish | | | 808272 | |
| Behavior | 803837 | Distribution | 808272 | |
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| Insecta | | Parasite systematics | 805052 | |
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| Insecta | | Distribution | 806088 | |
| Experimental analysis | 806973 | <i>Fundulosoma thierrii</i> | | |
| <i>Cyprinodon subtrigatus</i> | | Synonymy | 804574 | |
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| Sagitta | 805569 | <i>Fundulus</i> | | |
| Oligocene | 805569 | Relationships | 809023 | |
| <i>Cyprinodon variegatus</i> | | Computer analysis | 807080 | |
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| Function | 804788 | Distribution | 809023 | |
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| Thrombocytes | | Sexually dimorphic size | 804862 | |
| Cytology | | Nuptial tubercles | 804862 | |
| Development | 807365 | Sexually dimorphic fins | | |
| Leucocytes | | Anal fin | 804862 | |
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| Salinity | | Meristics | | |
| Acclimation | 804643 | Morphometrics | 804862 | |
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| Parasite life history | | Permanent sexual coloration | 804862 | |
| Experimental analysis | 807089 | Distribution | 804862 | |
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| Habitat preference | | Copepoda | | |
| Juvenile | 808813 | Experimental analysis | 804917 | |
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| Experimental analysis | 807829 | Lipid metabolism | | |
| Herbicide pollutants | | Experimental analysis | 806287 | |
| Experimental analysis | 807829 | Prolactin | | |
| Insecticide pollutants | | Experimental analysis | 806287 | |
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| Use as test animal | | Biochemistry | 805388 | |
| Insecticide pollutants | 807295 | Function | 805004 | |
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| Incidence of infection | | Ultrastructure | | |
| Seasonal changes | 808275 | Development | 806609 | |
| Distribution | 808275 | Pigment cells | | |
| Population density | | Ultrastructure | | |
| Seasonal changes | 808275 | Function | 804787 | |

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| | Adrenaline | | Biochemical blood constituents | |
| | Experimental analysis | 804478 | Experimental analysis | 807037 |
| | Color change | | Salinity | 807037 |
| | Nervous system | | Ciliata | |
| | Experimental analysis | 808639 | Parasite systematics | 804882 |
| | Endocrine system | | Sporozoa | |
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| | Pineal | | Distribution | 807430 |
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| | Gills | | Sulfisoxazole | |
| | ATP ase content and function | | Effect on fish | |
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| | Ultrastructure | 808997 | Use as test animal | |
| | Pseudobranch | | Saxitoxin | |
| | Biomembranes | | Coloration | 807163 |
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| | Thrombocytes | | Effect on fish | |
| | Cytology | | Adenohypophysis | 806296 |
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| | Cytology | | Effect on fish | 808170 |
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| | Salinity | | Seasonal changes | 807834 |
| | Experimental analysis | 807037 | Habitat preference | 807583 |
| | Intestine | | | 807834 |
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| | Experimental analysis | 806797 | Avoidance responses | 807583 |
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| | Interstitial tissue | | Cytology | |
| | Enzymology | | Seasonal changes | 807365 |
| | Biochemistry | 805029 | Thrombocytes | |
| | Testicular cycles | | Cytology | |
| | Adenohypophysis | | Development | 807365 |
| | Experimental analysis | 806896 | Leucocytes | |
| | Cortisol | | Cytology | 807365 |
| | Experimental analysis | 806896 | Sporozoa | |
| | Temperature | | Incidence of infection | 807412 |
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| | Pactamycin | | | 805647 |
| | Protein synthesis | | Population changes | 807268 |
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| | Gastrulation | | Caryotype | 807602 |
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| | LDH isoenzymes | 808776 | Chemical senses | |
| | Subzero waters | | Fright reaction to predator | |
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| | Acclimation | 807145 | Salinity | 807886 |
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| | Description and occurrence | 808394 | Habitat preference | 807886 |
| | Enzymology | 804227 | | 808137 |
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| | Effect on fish | | New species | 809023 |
| | Testicular cycles | 806896 | | |

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| Nuptial tubercles | 804862 | | Breeding and rearing | 808270 | |
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| | | 808873 | Distribution of infection | 805466 |
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| | | 807796 | Hydrodynamics | |
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| | Lunar rhythms | 807035 | Seasonal changes | 807717 |
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| | Habitat preference | 808019 | Gut contents | |
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| | Bibliography | | Anatomy | 804895 |
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| Ion and water relationships | | Ovarian cycles | 804437 | pseudoharengus |
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| Cytology | 807592 | Incidence of infection | | |
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| | 808497 | Intensity of infection | 807787 | |
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| Migrations | 805985 | Sexual dimorphism | 804437 | |
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| Meristics | 804592 | | 808102 | (continued) |
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| Geographic variation | 804532 | Experimental analysis | 808662 | |
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| Populations | 807923 | Change with age | 808914 | |
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| | 805098 | Schooling | 807070 | |
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| | 805299 | Seasonal changes | 806321 | |
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| Ethmidium | Trawling | | Epibranchial organ | |
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| | Trawling | 808051 | Function | 805356 |
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| | Trawling | | Circadian rhythms | 808139 |
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| | Shallow water observation | 804979 | Seasonal changes | 806165 |
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| Clupea synura | Invalidation | 805703 | | 805647 |
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| Clupea trissa | Invalidation | 805703 | Interspecific competition | 808464 |
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| | Body form | 807979 | Artificial population manipulation | |
| | Reservoirs | | Reservoirs | 806162 |
| | Habitat preference | | Fish control agents | |
| | Introduction for fishery | 808461 | Antimycin | |
| Distribution within habitat | Larva | 807712 | Experimental analysis | 806985 |
| Ciliata | Parasite systematics | 808919 | Antimycin-A | |
| Availability and use of food | Effect on fish | | Lethal environmental limits | |
| Recruitment | Recruitment | 807732 | Experimental analysis | 808605 |
| Reproductive season | Hydrodynamics | 807712 | | |
| Change with age | Feeding | 807979 | Dorosoma petenense | |
| Larva | Change with age | 807732 | Coloration | 807886 |
| Circadian rhythms | Migrations | 807732 | Gut | |
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| Dorosoma | Gill arch teeth | | Histology | 805356 |
| | Gill arches | | Function | 805356 |
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| | Use in systematics | | Ovarian cycles | 807811 |
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| | | | Introduction for fishery | 803513 |
| | | | Dussumieria hasselti | |
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| | | | Ethmidium | |
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| <i>Etrumeus</i> | | Infraorbital bones | | Clupeidae |
| <i>Sagitta</i> | | Anatomy | 807160 | (continued) |
| <i>Key</i> | 808318 | Descriptive evolution | 807160 | |
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| NAD | | Redescription | 805703 | to |
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| Biochemistry | 805508 | Gas bladder | | |
| <i>Etrumeus teres</i> | | Use in systematics | | |
| Meristics | 807058 | Anatomy | 807954 | |
| Morphometrics | 807058 | Function | 807954 | |
| Coloration | 807997 | Larva | | |
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| Infraorbital bones | | Development | 806066 | |
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| Biochemistry | 804631 | <i>Konosirus punctatus</i> | | |
| Red muscles | | Seasonal abundance | 805205 | |
| Biochemistry | | Habitat preference | 805205 | |
| Function | 804631 | Migrations | 805205 | |
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| <i>Sagitta</i> | 808318 | Synonymy | 805703 | |
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| Activity patterns | 808465 | Fourth epibranchial bone | | |
| Circadian rhythms | 808465 | Use in systematics | | |
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| Distribution | 807014 | <i>Sagitta</i> | 808318 | |
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| Brain | | Infraorbital bones | | |
| Anatomy | | Anatomy | | |
| Function | 806369 | Descriptive evolution | 807160 | |
| Vagus nerve | | Lateral line pores and canals | 807160 | |
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| Rate of growth | 807536 | Cytology | 808181 | |
| Change with age | 808576 | Thrombocytes | | |
| Sex ratio | 805604 | Cytology | 808181 | |
| Intraspecific variation | | Leucocytes | 808181 | |
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| Incidence of infection | | Hemoglobin | 807033 | |
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| Incidence of infection | 808577 | Metamorphosis | 807848 | |
| Seasonal changes | 805398 | Intraspecific variation | | |
| Parasite systematics | | Juvenile | | |
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| Seasonal changes | 808577 | Sex ratio | 804224 | |
| Populations | 808577 | Distribution | 806498 | |
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| Artificial fertilization | 808577 | Seasonal abundance | 805873 | |
| Artificial rearing environments | 804842 | Gut contents | 807033 | |
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| Synonymy | 805703 | Larva | 807848 | |
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| Sex ratio | 808576 | Sonar observation | 804670 | |
| Seasonal abundance | 808576 | Stress reactions | | |
| <i>Ilisha</i> | | Larva | | |
| Skull | | Gut | 807848 | |

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| | Age class distribution | 808574 | Orientation with light source | 808304 |
| | Seasonal abundance | 808591 | Fishing methods | |
| | Gut contents | | Experimental analysis | 804981 |
| | Change with age | 808574 | Feeding | |
| | <i>Pellona</i> | | Circadian rhythms | |
| | Gas bladder | | Larva | 804529 |
| | Use in systematics | | Avoidance responses | |
| | Anatomy | 807954 | Trawling | 806316 |
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| | Seasonal abundance | 806120 | Parasites shared with man | |
| | <i>Pomolobus facilis</i> | | Nematoda | 803972 |
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| | Development | 804529 | Lipid and fatty acid content | 805653 |
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| | Function | 804563 | Distribution | |
| | Neuromasts | | Larva | 807694 |
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| | Anatomy | 804529 | Light | |
| | Biochemical blood constituents | | Seining | 806331 |
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| | Development | 804529 | Synonymy | 807885 |
| | Egg size | | Distribution | 807030 |
| | Seasonal changes | 804529 | Population changes | 807030 |
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| | Population changes | 808198 | Seasonal changes | 808012 |
| | Population density | | Axial skeletal muscles | |
| | Experimental analysis | 808192 | Lipid and fatty acid content | |
| | Rate of growth | | Biochemistry | 806742 |
| | Geographic variation | 808298 | Seasonal changes | 806742 |
| | Scale age study | | Gut | |
| | Inheritance | 806916 | Lipid and fatty acid content | |
| | Geographic variation | | Biochemistry | 806742 |
| | Biochemical blood constituents | 808199 | Seasonal changes | 806742 |
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| | Circadian rhythms | | Anatomy | 807591 |
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| | Effect on fish | | Histology | |
| | General embryology | 804529 | Meristic morphometric techniques | 808017 |
| | Larva | 804529 | Rate of growth | 808402 |
| | Distribution within habitat | 804980 | Fish communities | 806740 |
| | Light | | Digena | |
| | Effect on fish | | Distribution of infection | 805473 |
| | Swimming speed | 806347 | Populations | 808012 |
| | Schooling | 806347 | Age class distribution | 805925 |
| | Salinity | | Seasonal abundance | |
| | Lethal environmental limits | | Young | 808012 |
| | Larva | 804529 | Orientation with light source | 806313 |
| | Digena | | <i>Sardinella bulan</i> | |
| | Parasite systematics | 806760 | Synonymy | 804307 |
| | Cestoda | | <i>Sardinella cba</i> | |
| | Distribution of infection | 805473 | Meristics | |
| | Distribution | 803880 | Vertebrae | |
| | Egg | 808078 | Seasonal changes | 808012 |
| | Seasonal changes | 805664 | Ovarian cycles | |
| | Developing egg | 808303 | Histology | |
| | Larva | | Meristic morphometric techniques | 808017 |
| | Seasonal changes | 805664 | Rate of growth | 808013 |
| | Populations | | Populations | 808012 |
| | Distribution | 808298 | Age class distribution | 805925 |
| | Population density | | Seasonal abundance | 806120 |
| | Developing egg | 808303 | | |

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| Young | 808012 | Fishery dynamics | | Clupeidae |
| Scale age study | 808013 | Interspecific competition | | (continued) |
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| <i>Sardinella leiogaster</i> | | Population dynamics | 807854 | |
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| <i>Sardinella longiceps</i> | | | 808318 | to |
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| Morphometrics | 807079 | New genus | 805381 | |
| Ovary | | Relationships | 805381 | |
| Abnormality | 807973 | Scalation | 805381 | |
| Ovarian cycles | 807079 | Coloration | 805381 | |
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| | 808587 | Habitat preference | 807935 | |
| Sex ratio | 808590 | <i>Spratelloides japonicus</i> | | |
| | 808576 | Axial skeletal muscles | | |
| Distribution | 808598 | NAD | | |
| Seasonal abundance | 807079 | Enzymology | | |
| Age class distribution | 808407 | Biochemistry | 805508 | |
| | 808573 | <i>Sprattus sprattus</i> | | |
| Reproductive season | 808576 | Subspecies | 806362 | |
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| | 808576 | Morphometrics | | |
| | 808590 | Population changes | 806394 | |
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| Feeding | 807079 | Morphometrics | 808120 | |
| Gut contents | | Sagitta | | |
| Seasonal changes | 808595 | Intraspecific variation | | |
| Schooling | 807079 | Anatomy | 808307 | |
| <i>Sardinella pseudohispanica</i> | | Serum esterase | | |
| Distribution | | Polymorphism | | |
| Larva | 806633 | Biochemistry | 805912 | |
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| Meristics | 804308 | Fecundity | 808307 | |
| Morphometrics | 804308 | Larva | | |
| Ovarian cycles | 806726 | Key | 808480 | |
| Rate of growth | 806726 | Rate of growth | 808307 | |
| Distribution | 804308 | Age length relationship | 805323 | |
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| Sagitta | | Eye | 807970 | |
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| Overfishing | 805097 | Water pressure | | |
| <i>Sardinops melanosticta</i> | | Effect on fish | | |
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| Circadian rhythms | 806332 | Change with age | 804532 | |
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| Reproductive season | 808361 | Distribution | | |
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| <i>Sardinops ocellata</i> | | Seasonal changes | 805664 | |
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| Monogenea | | Populations | 806362 | |
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| Intensity of infection | 808355 | | 808065 | |
| Digenea | | Population density | | |
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| Population changes | 808317 | Experimental analysis | 804981 | |
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| Intraspecific variation | 805517 | Avoidance responses | | |
| Habitat preference | | Trawling | 807070 | |
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| | Morphometrics | 804382 | Key | 808318 |
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| | Distribution | 804279 | Anatomy | |
| | | 804382 | Histology | 805463 |
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| | | 808494 | Descriptive evolution | 805463 |
| | Juvenile | 809101 | General embryology | 808646 |
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| | Populations | 808407 | Population density | |
| | Protein specificity | | Mathematical population models | 808282 |
| | Biochemical blood constituents | 806058 | Larva | |
| | Reproductive season | 808577 | Change with age | 808646 |
| | Locomotion | | Rate of growth | 808646 |
| | Vertebrae | | Distribution | 808646 |
| | Descriptive evolution | 806945 | Population density | |
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| | Gut contents | 806945 | Mathematical population models | 808282 |
| | Schooling | 808579 | Age class distribution | 808646 |
| | Migrations | 804979 | Seasonal abundance | 808282 |
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| | Key | 808366 | Key | 808135 |
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| | Sagitta | | Synonymy | 805703 |
| | Key | 808318 | <i>Coilia quadragesimilis</i> | |
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| | Function | 805463 | Sagitta | |
| | Descriptive evolution | 805463 | Key | 808318 |
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| | Coloration | 807886 | Popular names | 806282 |
| | Sagitta | 808318 | Gills | |
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| | <i>Anchoa filifera</i> | | Population genetics | |
| | Identifying characters | 808367 | Biochemistry | 807680 |
| | Redescription | 808367 | Geographic variation | 807680 |
| | Distribution | 808367 | Ovarian cycles | |
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| | Anatomy | 807964 | Developing egg | |
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| | Fish control agents | | Experimental analysis | 808192 |
| | Antimycin | | Larva | |
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| | <i>Anchoa howelli</i> | | Change with age | 807670 |
| | Identifying characters | 808367 | Population density | |
| | <i>Anchoa mitchilli</i> | | Experimental analysis | 808192 |
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| | Fish control agents | 805068 | Larva | 807670 |
| | Antimycin | | Allometry | 807979 |
| | Lethal environmental limits | 807806 | Distribution within habitat | |
| | <i>Anchoa</i> | | Larva | 808480 |
| | Relationships | 808366 | Vertical distribution | |
| | Meristics | 808366 | Developing egg | |
| | Morphometrics | 808366 | Larva | 807649 |
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| | | | Distribution of infection | 805466 |
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| | | | Distribution of infection | 805466 |

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| Seasonal abundance | | | Age class distribution | 807890 | |
| Larva | 807078 | | | 807894 | |
| Population changes | 808304 | | | 808317 | |
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| Feeding | | | | 808313 | |
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| Larva | 807670 | | Experimental analysis | 807372 | |
| Circadian rhythms | | | Straining for food | | |
| Larva | 807670 | | Experimental analysis | 807372 | |
| Migrations | 807078 | | Migrations | 807891 | |
| Optomotor response | 806339 | | | 808313 | |
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| Natural mortality | | | Bait fish | 807892 | |
| Developing egg | | | Fishery dynamics | | |
| Hydrostatics | 807322 | | Interspecific competition | | |
| Oil pollutants | | | Maximum yield | 807528 | |
| Effect on fish | | | Computer analysis | | |
| Developing egg | 807770 | | Population dynamics | 807854 | |
| Larva | 807770 | | Fisheries improvement | 804727 | |
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| Epibranchial organ | | | Oil dispersant | | |
| Anatomy | | | Lethal environmental limits | | |
| Histology | 805463 | | Egg | 804676 | |
| Function | 805463 | | Larva | 804676 | |
| Descriptive evolution | 805463 | | Archaeological data | 808318 | |
| <i>Engraulis japonicus</i> | | | Marking and tagging | | |
| Coloration | | | Effect on fish | 808724 | |
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| Anatomy | | | Testicular cycles | 805701 | |
| Identification | 807307 | | | 808166 | |
| Gut | | | Sex ratio | 805701 | |
| Change with age | | | Intraspecific variation | | |
| Anatomy | 806761 | | Lipid and fatty acid content | 808383 | |
| Gill rakers | | | Aves | | |
| Change with age | | | As predator | 805574 | |
| Anatomy | 806761 | | Distribution | | |
| Function | 806761 | | Developing egg | | |
| Ovarian cycles | 804315 | | Larva | 808381 | |
| Fecundity | 804315 | | | 808384 | |
| Digena | | | | 808387 | |
| Distribution of infection | 805473 | | Population changes | 808389 | |
| Cestoda | | | Availability and use of food | | |
| Distribution of infection | 805473 | | Population changes | 808386 | |
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| Parasite life history | 805423 | | | 808387 | |
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| Schooling | | | | 808389 | |
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| Mass mortalities | | | | 807704 | |
| Seasonal abundance | | | Regulation of catch | | |
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| Mineral content | | | Mathematical population models | 805574 | |
| Zinc | 807349 | | <i>Etrumeus micropus</i> | | |
| Coloration | 807886 | | Seasonal abundance | 805206 | |

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| Elopomorpha | <i>Pterengraulis atherinoides</i> | | Fin fulcrum | 803541 |
| | Synonymy | 805703 | Cretaceous | 803541 |
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| | <i>Setipinna</i> | | Skeleton | 803541 |
| | Seasonal abundance | | Cretaceous | 803541 |
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| Anguillidae | Digenea | | Gill arches | |
| | Incidence of infection | | Anatomy | |
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| | Thiaminase | 805640 | Anatomy | |
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| Anguillidae | Identifying characters | 808014 | Gill arch teeth | |
| | Redescription | 808014 | Anatomy | |
| | Developing egg | 807694 | Descriptive evolution | 807964 |
| Anguillidae | Distribution | 807014 | Larva | |
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| | Larva | 807694 | Check list | 808287 |
| Anguillidae | <i>Stolephorus insularis</i> | | Vertical distribution | |
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| Anguillidae | Populations | 808612 | Larva | 808015 |
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| Anguillidae | Experimental analysis | 806325 | Juvenile | 806950 |
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| Anguillidae | Developing egg | 807694 | Larva | 808314 |
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| Anguillidae | <i>Thirssa</i> | | Seasonal abundance | |
| | Synonymy | 805703 | Larva | 808015 |
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| Anguillidae | Jaws | | Seasonal abundance | |
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| Anguillidae | <i>Thirssa dussumieri</i> | | Standing crop | 808653 |
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| | <i>Thirssa kammalensis</i> | | Relationships | 808287 |
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| Artificial incubation | 806469 | Biochemistry | 804774 | |
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| Vertebrae | 803656 | Histology | 803572 | |
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| Distribution | 805646 | Gut | | |
| | 805647 | Innervation | | |
| | 807835 | Histology | 807009 | |
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| | 808025 | Ultrastructure | 805734 | |
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| | 808374 | Nitrogen metabolism | | |
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| Intraspecific variation | 804775 | Ultrastructure | 803785 | |
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| | Density dependent regulation | 805970 | Host parasite interactions | |
| | Geographic variation | 804775 | Host specificity | 806426 |
| | General embryology | 807651 | Parasite systematics | 806261 |
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| | Acclimation | | | 806939 |
| | Temperature | 806310 | Cestoda | |
| Egg | | | Distribution of infection | 806904 |
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| Sperm | | | Seasonal changes | 806657 |
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| Biochemistry | | | Intensity of infection | 806657 |
| Cytology | | 807880 | | 806658 |
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| Hatching | | | Distribution of infection | 806904 |
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| Experimental analysis | | 807651 | Seasonal changes | 806657 |
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| Experimental analysis | | 807651 | Intensity of infection | 806657 |
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| <i>Mentzichthys jubbi</i> | 804927 | | |
| <i>Mentzichthys maraisi</i> | 804927 | | |
| <i>Mentzichthys theroni</i> | 804927 | | |
| <i>Paramblypterus comblei</i> | 805866 | | |
| <i>Soetendalichthys cryptoni</i> | 804927 | | |
| <i>Sundayichthys elegantulus</i> | 804927 | | |
| <i>Willomrichthys striatulus</i> | 804927 | | |
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| <i>Palaeolabrus montanensis</i> | 804910 | | |
| <i>Paraliodemus guadagni</i> | 804006 | | |
| <i>Prasemionotus aculeatus</i> | 805900 | | |
| Parasemionotomorpha | | | |
| <i>Piveteaonotus flastensis</i> | 807218 | | |
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| <i>Pericentroporus minimus</i> | 805900 | | |
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| <i>Micrognathus dawsoni</i> | 804707 | | |
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| <i>Blennius inaequalis</i> | 805146 | | |
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| <i>Essenius klauswitzii</i> | 806137 | | |
| <i>Essenius midas</i> | 805914 | | |
| <i>Halmablennius steinitzi</i> | 806137 | | |
| <i>Meiacanthus nigrolineatus</i> | 806777 | | |
| <i>Rhabdoblennius pictus</i> | 806137 | | |
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| <i>Paraclinus ditrichus</i> | 807567 | | |
| <i>Paraclinus fehlmanni</i> | 806776 | | |
| <i>Paraclinus magdalenae</i> | 807567 | | |
| <i>Paraclinus stephensi</i> | 807567 | | |
| <i>Paraclinus tanygnathus</i> | 807567 | | |
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| <i>Evermannichthys silus</i> | 805876 | | |
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| <i>Gobius sectus</i> | 805569 | | |
| <i>Lepidogobius bifidus</i> | 805569 | | |
| <i>Pariah scottius</i> | 805402 | | |
| <i>Pomatoschistus tortonesei</i> | 806361 | | |
| <i>Trimma tevegae</i> | 804275 | | |
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| <i>Paragunnelichthys fehlmanni</i> | 806779 | | |
| Labridae | | | |
| <i>Lappanella guineensis</i> | 804182 | | |
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| | 808989 | | |
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| <i>Haplochromis cryptogramma</i> | 806349 | | |
| <i>Haplochromis denticostoma</i> | 806349 | | |
| <i>Haplochromis dolichorhynchus</i> | 806349 | | |
| <i>Haplochromis erythrocephalus</i> | 806349 | | |
| <i>Haplochromis fusiformis</i> | 806349 | | |
| <i>Haplochromis gilberti</i> | 806349 | | |
| <i>Haplochromis laparogramma</i> | 806349 | | |
| <i>Haplochromis megalops</i> | 806349 | | |
| <i>Haplochromis melichrous</i> | 806349 | | |
| <i>Haplochromis paraplagiostoma</i> | 806349 | | |
| <i>Haplochromis paropus</i> | 806349 | | |
| <i>Haplochromis piceatus</i> | 806349 | | |
| <i>Haplochromis tyrianthinus</i> | 806349 | | |
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| <i>Mullus gorjanovici</i> | 806421 | | |
| Percidae | | | |
| <i>Etheostoma collettei</i> | 805481 | | |
| Sciaenidae | | | |
| <i>Dendrophysa hooghliensis</i> | 807575 | | |
| Serranidae | | | |
| <i>Dapalis carinatus</i> | 805569 | | |
| <i>Dapalis rhomboidalis</i> | 805569 | | |
| <i>Serranus</i> | 807965 | | |
| Spardae | | | |
| <i>Lithognathus olivieri</i> | 806541 | | |
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| <i>Dactyloscopus byersi</i> | 807571 | | |
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| <i>Tandya reticulata</i> | 804302 | | |
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| <i>Citharichthys abbotti</i> | 806778 | | |
| <i>Engypropon longipelvis</i> | 808003 | | |
| <i>Japonolaeops dentatus</i> | 808003 | | |
| <i>Lacops sinusarabici</i> | 804516 | | |
| <i>Lioglossina punctata</i> | 808610 | | |
| <i>Pseudorhombus oculocirris</i> | 808003 | | |
| <i>Tarphops elegans</i> | 808003 | | |
| <i>Tosarhombus octoculatus</i> | 808003 | | |
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| <i>Cynoglossus melanopterus</i> | 806892 | | |
| <i>Cynoglossus punctatus</i> | 806892 | | |
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| <i>Zebrias cochinensis</i> | 808987 | | |

and nomenclature
(continued)[illegible]

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| <i>Batteraspis fulgens</i> | 809095 | | | |
| <i>Cartieraspis nigra</i> | 809095 | | | |
| <i>Gaspeaspis cassivi</i> | 809095 | | | |
| <i>Kolpaspis beaudryi</i> | 809095 | | | |
| <i>Lanrentaspis splendida</i> | 809095 | | | |
| <i>Quebecaspis russelli</i> | 809095 | | | |
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| <i>Herasmus granulatus</i> | 805589 | | | |
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| <i>Bandringa rayi</i> | 803581 | | | |
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| <i>Pororhiza molimbaensis</i> | 807109 | | | |
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| <i>Heimenia ensis</i> | 805589 | | | |
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| <i>Aestuarchithys fulcratus</i> | 804927 | | | |
| <i>Alleneypterus montanus</i> | 805019 | | | |
| <i>Australichthys longidorsalis</i> | 804927 | | | |
| <i>Bourbonella guilloti</i> | 805866 | | | |
| <i>Charleuxia autunensis</i> | 805866 | | | |
| <i>Decazella vetteri</i> | 805866 | | | |
| <i>Dorolepis virgatus</i> | 805900 | | | |
| <i>Dwykia analensis</i> | 804927 | | | |
| <i>Igornella comblei</i> | 805866 | | | |
| <i>Igornichthys</i> | 805866 | | | |
| <i>Soetendackichthys cromptoni</i> | 804927 | | | |
| <i>Sundayichthys elegantulus</i> | 804927 | | | |
| <i>Willomericichthys striatulus</i> | 804927 | | | |
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| <i>Praesemionotus aculeatus</i> | 805900 | | | |
| Semionotomorpha | | | | |
| <i>Pericentrophorus minimus</i> | 805900 | | | |
| Gobiidae | | | | |
| <i>Parah scotius</i> | 805402 | | | |
| <i>Thorogobius ephippiatus</i> | 805403 | | | |
| Centropomidae | | | | |
| <i>Kapuria bhargavi</i> | 806063 | | | |
| | 808989 | | | |
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| <i>Kathala axillaris</i> | 804205 | | | |
| <i>Macropsinosa cuja</i> | 804205 | | | |
| <i>Panna microdon</i> | 804205 | | | |
| Stromateoidei | | | | |
| <i>Amarsipus carlsbergi</i> | 806816 | | | |
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| <i>Pseudoclichthys australis</i> | 807751 | | | |
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| <i>Neolacops micropthalmus</i> | 808003 | | | |
| <i>Tosarhombus octoculatus</i> | 808003 | | | |
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| <i>Deltadoras</i> | 807929 | | | |
| <i>Hildadoras</i> | 807929 | | | |
| <i>Sachsadoras</i> | 807929 | | | |
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| <i>Meteora erythroptus</i> | 805709 | | | |
| <i>Nybelinea crissom</i> | 805709 | | | |
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| <i>Dwykiidae</i> | 804927 | | | |
| <i>Willomericichthyidae</i> | 804927 | | | |
| Amiomorpha | | | | |
| <i>Palaeolabridae</i> | 804910 | | | |
| Stromateoidei | | | | |
| <i>Amarsipidae</i> | 806816 | | | |
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| <i>Prototroctidae</i> | 807632 | | | |
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| <i>Teleostei</i> | 803674 | | | |
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| <i>Potamotrygon hystrix</i> | 807165 | | | |
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| <i>Teleostei</i> | 808633 | | | |
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| <i>Acipenseromorpha</i> | 808437 | | | |
| <i>Semionotomorpha</i> | 808437 | | | |
| <i>Teleostei</i> | 808437 | | | |
| Central Marine Fisheries Institute | | | | |
| <i>Elasmobranchii</i> | 805586 | | | |
| <i>Teleostei</i> | 805586 | | | |
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| <i>Elasmobranchii</i> | 805700 | | | |
| | 807983 | | | |
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| | 808436 | | | |
| <i>Acipenseromorpha</i> | 808422 | | | |
| <i>Teleostei</i> | 805700 | | | |
| | 807983 | | | |
| | 808422 | | | |
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| | 808436 | | | |
| Central Marine Fisheries Institute | | | | |
| <i>Elasmobranchii</i> | 808408 | | | |
| <i>Teleostei</i> | 808408 | | | |
| Gulf of Thailand | | | | |
| <i>Elasmobranchii</i> | 808494 | | | |
| <i>Teleostei</i> | 808494 | | | |
| Kashmir | | | | |
| <i>Teleostei</i> | 808613 | | | |
| Nepal | | | | |
| <i>Teleostei</i> | 808152 | | | |
| North Borneo | | | | |
| <i>Teleostei</i> | 806397 | | | |
| Palawan | | | | |
| <i>Teleostei</i> | 806398 | | | |
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| <i>Teleostei</i> | 806395 | | | |
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| Departamento Zoologia Sao Paulo | | | | |
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| <i>Teleostei</i> | 807134 | | | |
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| <i>Elasmobranchii</i> | 803857 | | | |
| <i>Teleostei</i> | 803857 | | | |
| Museu Paulista | | | | |
| <i>Elasmobranchii</i> | 807134 | | | |
| <i>Teleostei</i> | 807134 | | | |
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| New York State Museum | | | | |
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| <i>Americaspis claypolei</i> | 807329 | | | |
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| Gross external anatomy | Elasmobranchii | 803857 | |
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| | <i>Cichlasoma pascalis</i> | 807585 | |
| | Poeciliidae | 807585 | |
| Pomacentridae | Zoological Survey of India | | |
| | Elasmobranchii | 807884 | |
| | Teleostei | 807884 | |
| Squalomorpha | Elasmobranchii | 804689 | |
| | Teleostei | 808437 | |
| | Acipenseromorpha | 805820 | |
| Semiomtomorpha | Teleostei | 807983 | |
| | Teleostei | 807996 | |
| | Teleostei | 809020 | |
| Pomacentridae | Teleostei | 807028 | |
| | Teleostei | 808135 | |
| | Teleostei | 808437 | |
| Serranidae | Teleostei | 808437 | |
| | Teleostei | 805820 | |
| | Teleostei | 807028 | |
| Sparidae | Teleostei | 807241 | |
| | Teleostei | 807885 | |
| | Teleostei | 807945 | |
| Bothidae | Teleostei | 807981 | |
| | Teleostei | 807983 | |
| | Teleostei | 807996 | |
| Pleuronectidae | Teleostei | 808135 | |
| | Teleostei | 808437 | |
| | Teleostei | 808633 | |
| Osmeridae | Teleostei | 809020 | |
| | Teleostei | 807885 | |
| | Teleostei | 808137 | |
| Osmerus eperlanus | Teleostei | 807047 | |
| | Teleostei | 805648 | |
| | Teleostei | 805648 | |
| Osmerus mordax | Teleostei | 805648 | |
| | Teleostei | 805648 | |
| | Teleostei | 805648 | |
| Development | Teleostei | 807213 | |
| | Teleostei | 807213 | |
| | Teleostei | 806534 | |
| Liberia | Teleostei | 806534 | |
| | Teleostei | 807936 | |
| | Teleostei | 807936 | |
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| | <i>Salmo gairdneri</i> | 804523 | |
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| | <i>Gobius oreo</i> | 804002 | |
| | <i>Gobius scorpioides</i> | 804002 | |
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| | Genus | 805367 | |
| | Genus | 805367 | |
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| | Teleostei | 805091 | |
| | Teleostei | 805091 | |
| General structure and behavior | Salmonidae | | |
| | <i>Salmo trutta</i> | 803513 | |
| | Descriptive evolution | | |
| Elasmobranchii | Elasmobranchii | 807985 | |
| | Elasmobranchii | 807985 | |
| | Elasmobranchii | 807985 | |
| Gross external anatomy | Change with age | | |
| | Carangidae | | |
| | <i>Alepis milans</i> | 807241 | |
| Carangidae | <i>Alepis milans</i> | 807241 | |
| | <i>Caranx armatus</i> | 807241 | |
| | <i>Caranx malabaricus</i> | 807241 | |
| Body form | Abnormality | | |
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| | <i>Leognathus</i> | 807966 | |
| Function | Leognathus | | |
| | Acanthidae | 805679 | |
| | Locomotion | | |
| Elasmobranchii | Elasmobranchii | 807979 | |
| | Acipenseromorpha | 807979 | |
| | Teleostei | 807979 | |
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| | Teleostei | 807979 | |
| | Teleostei | 807979 | |
| Inheritance | Experimental analysis | | |
| | Poeciliidae | | |
| | <i>Poecilia reticulata</i> | 805870 | |
| Radioactivity | Poeciliidae | | |
| | <i>Poecilia reticulata</i> | 805870 | |
| | <i>Poecilia reticulata</i> | 805870 | |
| Swimming | Function | | |
| | Istiophoridae | | |
| | Xiphiidae | 805578 | |
| Xiphiidae | <i>Xiphias gladius</i> | 805578 | |
| | <i>Xiphiidae</i> | 805578 | |
| Axial gradients | Coloration | | |
| | Peritoneum | | |
| | Bothidae | | |
| Paralichthys coreanikus | Paralichthys coreanikus | 807220 | |
| | Pleuronectidae | 807220 | |
| | Exocoetidae | | |
| Hyporhamphus sajori | Hyporhamphus sajori | 807220 | |
| | Engraulidae | | |
| | <i>Engraulis japonicus</i> | 807220 | |
| Cyprinidae | Cyprinidae | | |
| | <i>Schizothorax argentatus</i> | 807220 | |
| | Merlucciidae | | |
| Merlucciidae | Merlucciidae | 807220 | |
| | Merlucciidae | 807220 | |
| | Merlucciidae | 807220 | |
| Osmeridae | Osmeridae | | |
| | <i>Hypomesus olidus</i> | 807220 | |
| | <i>Hypomesus pretiosus</i> | 807220 | |
| Dextrality or sinistrality | Pleuronectidae | | |
| | Platichthys stellatus | 807914 | |
| | Clinal variation | | |
| Pleuronectidae | Pleuronectidae | | |
| | <i>Platichthys stellatus</i> | 807354 | |
| | <i>Platichthys stellatus</i> | 807354 | |
| Reversal of asymmetry | Bothidae | | |
| | <i>Citharichthys abbotti</i> | 806778 | |
| | <i>Paralichthys lethostigma</i> | 804647 | |
| Coloration | Bothidae | | |
| | <i>Paralichthys lethostigma</i> | 807785 | |
| | Soledidae | | |
| Trinectes maculatus | Trinectes maculatus | 807785 | |
| | Trinectes maculatus | 807785 | |
| | Trinectes maculatus | 807785 | |
| Meristics | Cichlidae | | |
| | Axial skeleton | | |
| | Change with age | | |
| Clupeidae | Clupeidae | | |
| | <i>Clupea harengus</i> | 805228 | |
| | <i>Clupea harengus</i> | 805228 | |
| Larva | Experimental analysis | | |
| | Teleostei | 809081 | |
| | Teleostei | 809081 | |
| Light | Developmental analysis | | |
| | Salmonidae | | |
| | <i>Salmo gairdneri</i> | 804489 | |
| Salmo gairdneri | Salmo gairdneri | | |
| | Experimental analysis | | |
| | Clupeidae | | |
| Clupeidae | <i>Clupea harengus</i> | 804591 | |
| | <i>Clupea harengus</i> | 804591 | |
| | <i>Clupea harengus</i> | 804591 | |
| Morphometrics | Cichlidae | | |
| | Experimental analysis | | |
| | Salmonidae | | |
| Oncorhynchus nerka | <i>Oncorhynchus nerka</i> | 807520 | |
| | <i>Oncorhynchus nerka</i> | 807520 | |
| | <i>Oncorhynchus nerka</i> | 807520 | |
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| | <i>Heumenia ensis</i> | 805589 | |
| | <i>Heumenia ensis</i> | 805589 | |
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| | Gobiidae | | |
| | <i>Evermannichthys</i> | 805876 | |
| Carangidae | Carangidae | | |
| | <i>Elagatis bipinnulata</i> | 807611 | |
| | Atherinidae | | |
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| | Ctenoluciidae | | |
| Ctenoluciidae | <i>Ctenolucius huyeta</i> | 807021 | |
| | Erythrinidae | | |
| | <i>Hoplias</i> | 807021 | |
| Hepsetidae | Hepsetidae | | |
| | <i>Hepsetus odon</i> | 807021 | |
| | <i>Hepsetus odon</i> | 807021 | |
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| | <i>Mugil saliens</i> | 803668 | |
| Development | Mugilidae | | |
| | <i>Mugil saliens</i> | 803668 | |
| | <i>Mugil saliens</i> | 803668 | |

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| Caudal fin | | Molidae | | |
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| Gyrinocheilidae | 806868 | <i>Heteropneustes fossilis</i> | 805117 | |
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| Batrachoidiformes | | Histology | | |
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| <i>Porichthys notatus</i> | 806906 | Histology | | |
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| Elasmobranchii | 809084 | <i>Lophosteus superbus</i> | 803856 | |
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| | | <i>Cobitis sibirica</i> | 807644 | |
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| | <i>Liparis montagu</i> | 806368 | |
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| | <i>Apletodon microcephalus</i> | 806368 | |
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| | Function | | |
| | Istiophoridae | 807932 | |
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| | <i>Phyllorhynchus micractis</i> | 807598 | |
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| | <i>Regalecus glesne</i> | 807636 | |
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| | <i>Scyliorhinus caniculus</i> | 803867 | |
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| | Scyliorhinidae | | |
| | <i>Scyliorhinus caniculus</i> | 803867 | |
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| | <i>Pomacanthops maculosus</i> | 804712 | |
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| | <i>Samaris cristatus</i> | 804137 | |
| Regeneration | Developmental analysis | | |
| | Esocidae | | |
| | <i>Esox lucius</i> | 808221 | |
| Finlet | Change with age | | |
| | Carangidae | | |
| | <i>Elagatis bipinnulata</i> | 807611 | |
| Anal fin | Abnormality | | |
| | Cyprinidae | | |
| | <i>Barbus barbus</i> | 804074 | |
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| Protein synthesis | Developmental analysis | | |
| | Oryziatidae | | |
| | <i>Oryzias latipes</i> | 805258 | |
| Androgens | Oryziatidae | | |
| | <i>Oryzias latipes</i> | 805258 | |
| Progestins | Experimental analysis | | |
| | Oryziatidae | | |
| | <i>Oryzias latipes</i> | 805259 | |
| Androgens | Experimental analysis | | |
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| | <i>Oryzias latipes</i> | 805259 | |
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| | <i>Auchenipterichthys thoracatus</i> | 807129 | |
| | <i>Auchenipterus demerarae</i> | 807129 | |
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| Change with age | Chaetodontidae | | |
| | <i>Pomacanthops maculosus</i> | 804712 | |
| Regeneration | Experimental analysis | | |
| | Poeciliidae | | |
| | <i>Poecilia reticulata</i> | 80686* | |
| Geographic variation | Abnormality | | |
| | Serranidae | | |
| | <i>Paralabrax nebulifer</i> | 807627 | |
| Finlet | Change with age | | |
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| | <i>Elagatis bipinnulata</i> | 807611 | |
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| | <i>Conchopoma edesi</i> | 806436 | |
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| | <i>Bourbonnella guilloti</i> | 805866 | |
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| | <i>Crenilabrus tinca</i> | 807979 | |
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| Experimental analysis | Ictaluridae | | |
| | <i>Ictalurus melas</i> | 806912 | |
| | <i>Ictalurus punctatus</i> | 806912 | |
| Pelvic fins | Dipnoi | | |
| | <i>Conchopoma edesi</i> | 806436 | |
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| | <i>Regalecus glesne</i> | 807636 | |
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| | <i>Paragunnelichthys fehlmanni</i> | 806779 | |
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| | Gobioididae | | |
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| | <i>Ctenotrypauchen microcephalus</i> | 808778 | |
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| Function | Gobiidae | | |
| | <i>Gobius paganellus</i> | 806368 | |
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| | <i>Apletodon microcephalus</i> | 806368 | |
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| | <i>Eleutheronema tetradactylus</i> | 804463 | |
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| | <i>Siganus</i> | 807262 | |
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| | <i>Gadopsis marmoratus</i> | 807262 | |
| | Batrachoidiformes | | |
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| | Cichlidae | | |
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| | Cichlidae | | |
| | <i>Etroplus maculatus</i> | 806269 | |
| Caudal fin | Anatomy | | |
| | Function | | |
| | Acanthodromorpha | | |
| | <i>Acanthodes</i> | 805866 | |
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| | <i>Regalecus glesne</i> | 807636 | |

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| Developmental analysis | | <i>Nannostomus anomalus</i> | 807949 | and general |
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| Function | | Temperature | | |
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| Adipose fin | | Cyprinidae | | |
| Characiformes | 804504 | <i>Cyprinus carpio</i> | 806119 | |
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| <i>Nematodon longispinus</i> | 807262 | <i>Salmo salar</i> | 807343 | |
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| <i>Acipenser stellatus</i> | 804928 | Cyprinidae | | |
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| <i>Gobius cephalargus</i> | 804928 | Thyroid hormone | | |
| <i>Gobius melanostomus</i> | 804928 | Experimental analysis | | |
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| <i>Channa punctatus</i> | 808994 | <i>Eleginus navaga</i> | 803874 | |
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| | Salmonidae | | | Biochemical blood constituents | |
| | <i>Oncorhynchus nerka</i> | 807762 | | Biochemical sex differences | |
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| | <i>Salmo gairdneri</i> | 806907 | |

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| | Cyprinidae | 803808 | <i>Anguilla anguilla</i> | 805215 |
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| | <i>Pelates</i> | 804124 | Anguillidae | |
| | Balistidae | | | |
| | <i>Monacanthus</i> | 804124 | <i>Anguilla anguilla</i> | 804191 |
| | Salmonidae | | Salmonidae | |
| | <i>Salmo gairdneri</i> | 804582 | <i>Salmo trutta</i> | 804191 |
| | | 809024 | Respiratory system | |
| Permeability | | | Teleostei | 804400 |
| | Ion and water relationships | | Channichthyidae | |
| | Experimental analysis | | <i>Chaenichthys rugosus</i> | 804400 |
| | Gasterosteidae | | Gills | |
| | <i>Gasterosteus aculeatus</i> | 804191 | Teleostei | |
| | Stichaeidae | | Regulatory respiratory mechanisms | 807351 |
| | <i>Lumpenus lumpretaeformis</i> | 804191 | Cottidae | |
| | Gobiidae | | <i>Cottus gobio</i> | 805251 |
| | <i>Gobius niger</i> | 804191 | Skin | |
| | Labridae | | Histology | |
| | <i>Ctenolabrus rupestris</i> | 804191 | Aploactinidae | |
| | Trachinidae | | <i>Acanthosphaera leuynnis</i> | 804814 |
| | <i>Trachinus vipera</i> | 804191 | Ultrastructure | |
| | Pleuronectidae | | Poeciliidae | |
| | <i>Platichthys flesus</i> | 804191 | <i>Poecilia reticulata</i> | 806824 |
| | <i>Pleuronectes platessa</i> | 804191 | Cyprinidae | |
| | Cottidae | | <i>Carassius carassius</i> | 807183 |
| | <i>Cottus morio</i> | 804191 | Biochemistry | |
| | Anguillidae | | Oryziatidae | |
| | <i>Anguilla anguilla</i> | 804191 | <i>Oryzias latipes</i> | 806566 |
| | Cyprinidae | | Function | |
| | | | Poeciliidae | |
| | <i>Carassius auratus</i> | 804191 | <i>Poecilia reticulata</i> | 806824 |
| | <i>Phoxinus phoxinus</i> | 804191 | | |

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|--------------------------------|--------|----------------------------------|--------|--------------------|
| Ultrastructure | | Arterial system | | Tegumentary system |
| Petromyzontomorphia | | Anatomy | | (continued) |
| <i>Petromyzon marinus</i> | 803838 | Esocidae | | |
| Centropomidae | | <i>Esox lucius</i> | 805250 | |
| <i>Ambassis lala</i> | 805005 | Function | | |
| Poeciliidae | | Esocidae | | |
| <i>Poecilia reticulata</i> | 804341 | <i>Esox lucius</i> | 805250 | |
| Development | | Venous system | | |
| Cyprinodontidae | | Anatomy | | |
| <i>Fundulus heteroclitus</i> | 806609 | Esocidae | | |
| Use in systematics | | <i>Esox lucius</i> | 805250 | |
| Biochemistry | | Function | | |
| Cobitidae | 805363 | Esocidae | | |
| Lipid and fatty acid content | | <i>Esox lucius</i> | 805250 | |
| Biochemistry | | Capillary systems | | |
| Gempylidae | | Teleostei | 804400 | |
| <i>Ruvettus pretiosus</i> | 807946 | Channichthyidae | | |
| Ion and water relationships | | <i>Chaenichthys rugosus</i> | 804400 | |
| Histology | | Larva | | |
| Myximomorphia | 809065 | Histology | | |
| Function | | Pleuronectidae | | |
| Myximomorphia | 809065 | <i>Hippoglossoides elassodon</i> | 806455 | |
| Petromyzontomorphia | 809065 | Osmeridae | | |
| Passive electrical properties | | <i>Hypomesus olidus</i> | 807183 | |
| Torpedinidae | | Ultrastructure | | |
| <i>Torpedo marmorata</i> | 804606 | Pleuronectidae | | |
| Pigment cells | | <i>Hippoglossoides elassodon</i> | 806455 | |
| Anatomy | | Osmeridae | | |
| Soleidae | | <i>Hypomesus olidus</i> | 807183 | |
| <i>Solea solea</i> | 805044 | Ion and water relationships | | |
| Cottidae | | Teleostei | 809066 | |
| <i>Cottus gobio</i> | 805044 | Change with age | | |
| Innervation | | Biochemistry | | |
| Soleidae | | Salmonidae | | |
| <i>Solea solea</i> | 805044 | <i>Oncorhynchus keta</i> | 805676 | |
| Cottidae | | Regeneration | | |
| <i>Cottus gobio</i> | 805044 | Histology | | |
| Pigments | | Ictaluridae | | |
| Biochemistry | | <i>Ictalurus</i> | 805927 | |
| | | Wounds | | |
| Salmonidae | | Abnormality | | |
| <i>Oncorhynchus keta</i> | 805676 | Scombridae | | |
| Silvery coloration | | <i>Thunnus albacares</i> | 807131 | |
| Biochemistry | | Virus diseases | | |
| Gasterosteidae | | Ultrastructure | | |
| <i>Culaea inconstans</i> | 807464 | Anguillidae | | |
| Percidae | | <i>Anguilla anguilla</i> | 808485 | |
| <i>Stizostedion canadense</i> | 807464 | Abnormality | | |
| <i>Stizostedion vitreum</i> | 807464 | Anguillidae | | |
| Cyprinidae | | <i>Anguilla anguilla</i> | 808485 | |
| <i>Carassius auratus</i> | 807464 | Amino acids | | |
| Ictaluridae | | Rate of growth | | |
| <i>Ictalurus punctatus</i> | 807464 | Biochemistry | | |
| Gadidae | | Poeciliidae | | |
| <i>Lota lota</i> | 807464 | <i>Xiphophorus helleri</i> X | | |
| Percopsidae | | <i>Xiphophorus maculatus</i> X | 806827 | |
| <i>Percopsis omiscomaycus</i> | 807464 | Collagen | | |
| Esocidae | | Biochemistry | | |
| <i>Esox lucius</i> | 807464 | Gadidae | | |
| Salmonidae | | <i>Gadus morhua</i> | 807138 | |
| <i>Salvelinus fontinalis</i> | 807464 | Protection from nematocysts | | |
| Fluorescence | | Stromateidae | | |
| Biochemistry | | <i>Peprilus burti</i> | 807872 | |
| Salmonidae | | Coloration | | |
| <i>Oncorhynchus kisutch</i> | 807415 | Gobiidae | | |
| Ontogenetic color change | | <i>Thorogobius ephippiatus</i> | 805403 | |
| Biochemistry | | Cichlidae | 804217 | |
| Salmonidae | | <i>Cyathochromis obliquidens</i> | 805037 | |
| <i>Salmo salar</i> | 806853 | <i>Melanochromis</i> | 805037 | |
| Pheromone glands | | Mochokidae | 803602 | |
| Histology | | Abnormality | | |
| Galaxiidae | | Leiognathidae | | |
| <i>Galaxias attenuatus</i> | 808334 | <i>Leiognathus</i> | 807966 | |
| Skin shedding | | Bothidae | | |
| Histology | | <i>Paralichthys lethostigma</i> | 807785 | |
| Scorpaenidae | | Pleuronectidae | | |
| <i>Taenianotus triacanthus</i> | 807950 | <i>Platichthys stellatus</i> | 806881 | |
| Innervation | | Soleidae | | |
| Scyliorhinidae | | <i>Trinectes maculatus</i> | 807785 | |
| <i>Scyliorhinus caniculus</i> | 803618 | Function | | |
| Histology | | Teleostei | 804836 | |
| Bagridae | | | 806431 | |
| <i>Rita rita</i> | 806968 | Experimental analysis | | |
| General light sensitivity | | Teleostei | 805637 | |
| Function | | Descriptive evolution | | |
| Pleuronectidae | | Acanthuridae | 804964 | |
| <i>Pleuronectes platessa</i> | 806576 | Labridae | 804964 | |
| Soleidae | | Chaetodontidae | 804964 | |
| <i>Solea solea</i> | 806576 | Pomacentridae | 804964 | |
| Thyroid hormone | | Balistidae | 804964 | |
| Experimental analysis | | Adaptive evolution | | |
| Salmonidae | | Teleostei | 808501 | |
| <i>Salmo salar</i> | 803591 | | | |

| Tegumentary system (continued) | | Dexterity or sinistrality | | | |
|--------------------------------|--|---------------------------------|--------|-----------------------------------|--------|
| | | Abnormality | | <i>Hypomesus pretiosus</i> | 807220 |
| | | Bothidae | | Change with age | |
| | | <i>Paralichthys albigutta</i> | 807590 | Labridae | |
| | | Luminescent organs | | <i>Diaodon speciosus</i> | 805111 |
| | | Elasmobranchii | 809084 | Branchiostegidae | |
| | | Teleostei | 809084 | <i>Malacanthus latovittatus</i> | 804262 |
| | | Skin | | Cepolidae | |
| | | Function | | <i>Acanthocephala limbata</i> | 806178 |
| | | Gobiidae | | <i>Cepola abbreviata</i> | 806178 |
| | | <i>Acanthogobius flavimanus</i> | 805504 | Chaetodontidae | |
| | | Labridae | | <i>Heniochus</i> | 804713 |
| | | <i>Choerodon azurio</i> | 805504 | <i>Pomacanthus paru</i> | 803697 |
| | | Mugiloidae | | Salmonidae | |
| | | <i>Mugil cephalus</i> | 805504 | <i>Oncorhynchus nerka</i> | 805677 |
| | | Serranidae | | Biochemistry | |
| | | <i>Lateolabrax japonicus</i> | 805504 | Salmonidae | |
| | | Sparidae | | <i>Oncorhynchus keta</i> | 805675 |
| | | <i>Chrysophrys major</i> | 805504 | Infraspecific variation | |
| | | Oryziatidae | | Salmonidae | |
| | | <i>Oryzias latipes</i> | 805504 | <i>Oncorhynchus masou</i> | 805674 |
| | | Poeciliidae | | Inheritance | |
| | | <i>Poecilia reticulata</i> | 805504 | Oryziatidae | |
| | | Cyprinidae | | <i>Oryzias latipes</i> | 804351 |
| | | <i>Carassius auratus</i> | 805504 | Characidae | |
| | | <i>Cyprinus carpio</i> | 805504 | <i>Astyanax antropius</i> | 804484 |
| | | <i>Zacco temminckii</i> | 805504 | | |
| | | Bagridae | | Experimental analysis | |
| | | <i>Pelteobagrus nudiceps</i> | 805504 | Poeciliidae | |
| | | Myctophidae | | <i>Xiphophorus</i> | 805884 |
| | | <i>Diaphus coerules</i> | 805504 | Descriptive evolution | |
| | | Plecoglossidae | | Poeciliidae | |
| | | <i>Plecoglossus altivelis</i> | 805504 | <i>Xiphophorus</i> | 805884 |
| | | Salmonidae | | Sex chromosomes | |
| | | <i>Salmo gairdneri</i> | 805504 | Poeciliidae | |
| | | <i>Salvelinus fontinalis</i> | 805504 | <i>Xiphophorus maculatus</i> | 807269 |
| | | Vertebrae | | <i>Xiphophorus pygmaeus</i> | 807269 |
| | | Labridae | | Polymorphism | |
| | | <i>Cheilinus undulatus</i> | 805494 | Cichlidae | |
| | | Axial skeletal muscles | | <i>Tropheus moorei</i> | 806106 |
| | | Labridae | | Poeciliidae | |
| | | <i>Cheilinus undulatus</i> | 805494 | <i>Xiphophorus helleri</i> | 803788 |
| | | Pineal | | Subterranean waters | |
| | | Gobiidae | | Descriptive evolution | |
| | | <i>Acanthogobius flavimanus</i> | 805504 | Amblyopsidae | 808771 |
| | | Labridae | | Populations | |
| | | <i>Choerodon azurio</i> | 805504 | Abnormality | |
| | | Mugiloidae | | Pleuronectidae | |
| | | <i>Mugil cephalus</i> | 805504 | <i>Pleuronectes platessa</i> | 804331 |
| | | Serranidae | | Change with age | |
| | | <i>Lateolabrax japonicus</i> | 805504 | Pleuronectidae | |
| | | Sparidae | | <i>Pleuronectes platessa</i> | 804331 |
| | | <i>Chrysophrys major</i> | 805504 | Migrations | |
| | | Oryziatidae | | Biochemistry | |
| | | <i>Oryzias latipes</i> | 805504 | Salmonidae | |
| | | Poeciliidae | | <i>Oncorhynchus keta</i> | 805675 |
| | | <i>Poecilia reticulata</i> | 805504 | | 805676 |
| | | Cyprinidae | | Canthaxanthin | |
| | | <i>Carassius auratus</i> | 805504 | Artificial feeds and feeding | |
| | | <i>Cyprinus carpio</i> | 805504 | Experimental analysis | |
| | | <i>Zacco temminckii</i> | 805504 | Salmonidae | |
| | | Bagridae | | <i>Oncorhynchus gorbusha</i> | 807360 |
| | | <i>Pelteobagrus nudiceps</i> | 805504 | <i>Salmo clarki</i> | 807360 |
| | | Myctophidae | | <i>Salmo gairdneri</i> | 807360 |
| | | <i>Diaphus coerules</i> | 805504 | Folic acid | |
| | | Plecoglossidae | | Vitamin requirements | |
| | | <i>Plecoglossus altivelis</i> | 805504 | Experimental analysis | |
| | | Salmonidae | | Salmonidae | |
| | | <i>Salmo gairdneri</i> | 805504 | <i>Oncorhynchus kisutch</i> | 807344 |
| | | <i>Salvelinus fontinalis</i> | 805504 | | |
| | | Adenohypophysis | | Pigment cells | |
| | | Experimental analysis | | Cytology | |
| | | Cyprinidae | | Function | |
| | | <i>Carassius auratus</i> | 804491 | Myxiniomorpha | 809083 |
| | | Pars intermedia | | Petromyzontomorpha | 809083 |
| | | Experimental analysis | | Elasmobranchii | 809083 |
| | | Anguillidae | | Teleostei | 809083 |
| | | <i>Anguilla anguilla</i> | 804128 | Development | |
| | | Peritoneum | | Teleostei | 809083 |
| | | Axial gradients | | Innervation | |
| | | Bothidae | | Elasmobranchii | 809083 |
| | | <i>Paralichthys coreanikus</i> | 807220 | Teleostei | 809083 |
| | | Pleuronectidae | 807220 | Ultrastructure | |
| | | Exocoetidae | | Myxiniomorpha | |
| | | <i>Hyporhamphus sajori</i> | 807220 | <i>Epiplatys stouti</i> | 808641 |
| | | Engraulidae | | <i>Myxine glutinosa</i> | 808641 |
| | | <i>Engraulis japonicus</i> | 807220 | Petromyzontomorpha | |
| | | Cyprinidae | | <i>Petromyzon marinus</i> | 808641 |
| | | <i>Schizothorax argentatus</i> | 807220 | Dasyatidae | |
| | | Merlucciidae | | <i>Urolophus halleri</i> | 808641 |
| | | <i>Merluccius</i> | 807220 | Rhinobatidae | |
| | | Osmeridae | | <i>Platyrrhinoidis triseriata</i> | 808641 |
| | | <i>Hypomesus olidus</i> | 807220 | <i>Rhinobatos productus</i> | 808641 |
| | | | | Orectolobidae | |

| | | Tegumentary system | |
|-----------------------------------|--------|----------------------------------|-------------|
| <i>Ginglymostoma cirratum</i> | 808641 | Cyprinodontidae | |
| Dipnoi | 808641 | <i>Fundulus heteroclitus</i> | 803595 |
| <i>Neoceratodus forsteri</i> | 808641 | Innervation | (continued) |
| <i>Protopterus aethiopicus</i> | 808641 | Function | |
| Acipenseromorpha | | Cyprinodontidae | |
| <i>Acipenser fulvescens</i> | 808641 | <i>Fundulus heteroclitus</i> | 807163 |
| Polypteromorpha | | Cyprinidae | |
| <i>Calamoichthys calabaricus</i> | 808641 | <i>Phoxinus phoxinus</i> | 803725 |
| <i>Polypterus senegalus</i> | 808641 | | 803726 |
| Amiromorpha | | Experimental analysis | |
| <i>Amia calva</i> | 808641 | Gobiidae | |
| Semionotomorpha | | <i>Chasmichthys gulosus</i> | 805395 |
| <i>Lepisosteus osseus</i> | 808641 | Bothidae | |
| Oryziatidae | | <i>Rhomboidichthys podas</i> | 805044 |
| <i>Oryzias latipes</i> | 804263 | Pleuronectidae | |
| Anguillidae | | <i>Pleuronectes platessa</i> | 805044 |
| <i>Anguilla rostrata</i> | 808641 | Soleidae | |
| Cyprinidae | | <i>Solea solea</i> | 805044 |
| <i>Carassius auratus</i> | 808641 | Cottidae | |
| Biochemistry | | <i>Cottus gobio</i> | 805044 |
| Oryziatidae | | Cyprinodontidae | |
| <i>Oryzias latipes</i> | 804138 | <i>Fundulus heteroclitus</i> | 803959 |
| Function | | Cyprinidae | |
| Holocentridae | | <i>Acheilognathus lanceolata</i> | 805532 |
| <i>Holocentrus ascensionis</i> | 804787 | Adrenaline | |
| Cyprinodontidae | | Gobiidae | |
| <i>Fundulus heteroclitus</i> | 804787 | <i>Chasmichthys gulosus</i> | 805395 |
| Biochemistry | | Regeneration | |
| Oryziatidae | | Cyprinidae | |
| <i>Oryzias latipes</i> | 806566 | <i>Carassius carassius</i> | 805531 |
| Enzymology | | Electric brain stimulation | |
| Myxinomorpha | | Cyprinidae | |
| <i>Eptatretus stouti</i> | 808641 | <i>Carassius auratus</i> | 805533 |
| <i>Myxine glutinosa</i> | 808641 | Melatonin | |
| Petromyzontomorpha | | Experimental analysis | |
| <i>Petromyzon marinus</i> | 808641 | Teleostei | 806054 |
| Dasyatiidae | | Melanocyte stimulating hormone | |
| <i>Urolophus halleri</i> | 808641 | Experimental analysis | |
| Rhinobatidae | | Teleostei | 806054 |
| <i>Platyrrhinoidis triseriata</i> | 808641 | Prolactin | |
| <i>Rhinobatos productus</i> | 808641 | Experimental analysis | |
| Orectolobidae | | Teleostei | 809072 |
| <i>Ginglymostoma cirratum</i> | 808641 | Adrenaline | |
| Dipnoi | | Function | |
| <i>Neoceratodus forsteri</i> | 808641 | Cyprinidae | |
| <i>Protopterus aethiopicus</i> | 808641 | <i>Phoxinus phoxinus</i> | 803726 |
| Acipenseromorpha | | Experimental analysis | |
| <i>Acipenser fulvescens</i> | 808641 | Teleostei | 806054 |
| Polypteromorpha | | Larva | |
| <i>Calamoichthys calabaricus</i> | 808641 | Ultrastructure | |
| <i>Polypterus senegalus</i> | 808641 | Pleuronectidae | |
| Amiromorpha | | <i>Hippoglossoides elassodon</i> | 806455 |
| <i>Amia calva</i> | 808641 | Inheritance | |
| Semionotomorpha | | Poeciliidae | |
| <i>Lepisosteus osseus</i> | 808641 | <i>Xiphophorus maculatus X</i> | |
| Anguillidae | | <i>Xiphophorus pygmaeus X</i> | 807269 |
| <i>Anguilla rostrata</i> | 808641 | <i>Xiphophorus milleri X</i> | |
| Experimental analysis | | <i>Xiphophorus pygmaeus X</i> | 807269 |
| Salmonidae | | Histology | |
| <i>Salmo gairdneri</i> | 804406 | Oryziatidae | |
| Developmental analysis | | <i>Oryzias latipes</i> | 804351 |
| Poeciliidae | | Salinity | |
| <i>Xiphophorus helleri X</i> | | Experimental analysis | |
| <i>Xiphophorus maculatus X</i> | 804356 | Oryziatidae | |
| Color variety | | <i>Oryzias latipes</i> | 805530 |
| Oryziatidae | | Circadian rhythms | |
| <i>Oryzias latipes</i> | 804026 | Experimental analysis | |
| Enzymology | | Oryziatidae | |
| Biochemistry | | <i>Oryzias latipes</i> | 805072 |
| Cyprinidae | | Melatonin | |
| <i>Carassius auratus</i> | 804738 | Oryziatidae | |
| Color change | | <i>Oryzias latipes</i> | 805072 |
| Ultrastructure | | Anesthetics | |
| Teleostei | 808639 | Oryziatidae | 805072 |
| Cyprinodontidae | | <i>Oryzias latipes</i> | 805072 |
| <i>Fundulus heteroclitus</i> | 808639 | Catecholamines | |
| Poeciliidae | | Innervation | |
| <i>Poecilia reticulata</i> | 808639 | Experimental analysis | |
| Function | | Oryziatidae | |
| Teleostei | 808639 | <i>Oryzias latipes</i> | 808744 |
| | 808640 | Colchicine | |
| Cyprinodontidae | | Adrenaline | |
| <i>Fundulus heteroclitus</i> | 808639 | Experimental analysis | |
| Poeciliidae | | Cyprinodontidae | |
| <i>Poecilia reticulata</i> | 808639 | <i>Fundulus heteroclitus</i> | 804478 |
| Experimental analysis | | Pigments | |
| Oryziatidae | | Teleostei | 809083 |
| <i>Oryzias latipes</i> | 807197 | Biochemistry | |
| In vitro techniques | | Enzymology | |
| Oryziatidae | | Myxinomorpha | |
| <i>Oryzias latipes</i> | 807197 | <i>Eptatretus stouti</i> | 808641 |
| Scales | | <i>Myxine glutinosa</i> | 808641 |
| Experimental analysis | | Petromyzontomorpha | |
| | | <i>Petromyzon marinus</i> | 808641 |

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|-----------------------------------|-----------------------------------|--------|-----------------------------------|--------|
| Tegumentary system (continued) | Dasyatidae | | <i>Pimelometopon pulchrum</i> | 804898 |
| | <i>Urolophus halleri</i> | 808641 | Axial skeletal muscles | |
| | Rhinobatidae | | Labridae | |
| | <i>Platyrrhinoidis triseriata</i> | 808641 | <i>Cheilinus undulatus</i> | 805494 |
| | <i>Rhinobatos productus</i> | 808641 | Salmonidae | |
| | Orectolobidae | | <i>Oncorhynchus</i> | 807486 |
| | <i>Ginglymostoma cirratum</i> | 808641 | <i>Salmo salar</i> | 807486 |
| | Dipnoi | | Oral teeth | |
| | <i>Neoceratodus forsteri</i> | 808641 | Myxinomorpha | |
| | <i>Protopterus aethiopicus</i> | 808641 | <i>Myxine glutinosa</i> | 805131 |
| | Acipenseromorpha | | Liver | |
| | <i>Acipenser fulvescens</i> | 808641 | Amiromorpha | |
| | Polypteromorpha | | <i>Amia calva</i> | 803724 |
| | <i>Calamoichthys calabaricus</i> | 808641 | Semionotomorpha | |
| | <i>Polypterus senegalus</i> | 808641 | <i>Lepisosteus osseus</i> | 803724 |
| | Amiromorpha | | Cyprinidae | |
| | <i>Amia calva</i> | 808641 | <i>Cyprinus carpio</i> | 803724 |
| | Semionotomorpha | | Carotenoids | |
| | <i>Lepisosteus osseus</i> | 808641 | Oryziatidae | |
| | Anguillidae | | <i>Oryzias latipes</i> | 805439 |
| | <i>Anguilla rostrata</i> | 808641 | Melanin | |
| | Cyprinidae | | Developmental analysis | |
| | <i>Carassius auratus</i> | 808641 | Myxinomorpha | |
| | Developmental analysis | | <i>Epiplatys stouti</i> | 806047 |
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| Tetraodontidae | | | | Inulin | |
| <i>Sphoeroides maculatus</i> | 808774 | | | Function | |
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| Glia | | | | Squalidae | |
| Ultrastructure | | | | <i>Squalus acanthias</i> | 806794 |
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| Oubain | | | | <i>Gasteropelecus</i> | 803571 |
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| <i>Amia calva</i> | 804659 | | | | |

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| Atherinidae | | | Sphyrna | 806766 | |
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| Bothidae | | | Heterodontus japonicus | 806766 | |
| Rhomboidichthys podas | 805044 | | Hexanchiformes | | |
| Pleuronectidae | | | Chlamydoselachus anguineus | 806766 | |
| Pleuronectes platessa | 805044 | | Pristiophoridae | | |
| Soleidae | | | Pristiophorus | 806766 | |
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| Cottidae | | | Squalidae | 807325 | |
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| Metencephalon | | | Protopterus aethiopicus | 806766 | |
| Dasyatidae | | | Coelacanthini | | |
| Urolophus halleri | 803567 | | Latimeria chalumnae | 806766 | |
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| Descriptive evolution | | | Amphipnopus cuchia | 806369 | |
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| Poeciliidae | | | Clupeidae | | |
| Poecilia reticulata | 808947 | | Hilsa ilisha | 806369 | |
| Histology | | | Anguillidae | | |
| Ultrastructure | | | Anguilla anguilla | 805639 | |
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| Salmo gairdneri | 804406 | | Cirrhinia mrigala | 806369 | |
| Anatomy | | | Nuria dandrica | 806369 | |
| Biochemistry | | | Bagridae | | |
| Salmonidae | | | Myxus tengara | 806369 | |
| Salmo gairdneri | 804406 | | Clariidae | | |
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| Salmonidae | | | Notopteridae | | |
| Salmo gairdneri | 804406 | | Notopterus notopterus | 806369 | |
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| Scyliorhinidae | | | Esoc lucius | 805639 | |
| Scyliorhinus caniculus | 803616 | | Salmonidae | | |
| Nervous electrophysiology | | | Salmo gairdneri | 805639 | |
| Scyliorhinidae | | | Descriptive evolution | | |
| Scyliorhinus caniculus | 803616 | | Cephalospidomorpha | | |
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| Ultrastructure | | | Myxinomorpha | | |
| Gymnarchidae | | | Myxine glutinosa | 808947 | |
| Gymnarchus niloticus | 804108 | | Arctolepidomorpha | | |
| Central nervous system | | | Kujdanowiaspis | 807170 | |
| Lipid and fatty acid content | | | Chimaeromorpha | | |
| Biochemistry | | | Callorhynchus antarcticus | 807324 | |
| Dasyatidae | | | Hydrologus coliei | 807324 | |
| Dasyatis americana | 809010 | | Elasmobranchii | 807170 | |
| Carcharhinidae | | | Carcharhinidae | | |
| Negaprion brevirostris | 809010 | | Cymias canis | 806766 | |
| Orectolobidae | | | Scoliodon | 806766 | |
| Ginglymostoma cirratum | 809010 | | Sphyrnidae | | |
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| Caranx ruber | 809010 | | Heterodontiformes | | |
| Brain | | | Heterodontus japonicus | 806766 | |
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| Paleonisciformes | 807218 | | Pristiophoridae | | |
| Parasemionotomorpha | 807218 | | Pristiophorus | 806766 | |
| Anatomy | | | Dipnoi | | |
| Cynoglossidae | | | Chirodipterus wildungensis | 807170 | |
| Cynoglossus bilineatus | 804142 | | Neoceratodus forsteri | 807170 | |
| Clariidae | | | Protopterus aethiopicus | 806766 | |
| Clarias batrachus | 806409 | | Osteolepidomorpha | | |
| Histology | | | Eusthenopteron foordi | 807170 | |
| Chimaeromorpha | | | Coelacanthini | | |
| Callorhynchus antarcticus | 807324 | | Latimeria chalumnae | 806766 | |
| Hydrologus coliei | 807324 | | | 807170 | |
| Function | | | Nesides schmidtii | 807170 | |
| Allopiidae | | | Paleonisciformes | | |
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| Allopius vulpinus | 807325 | | Polypteromorpha | | |
| Carcharhinidae | | | Polypterus bichir | 806766 | |
| Carcharhinus | 807325 | | Cyprinidae | | |
| Cymias canis | 806766 | | Carassius auratus | 806766 | |
| Prionace glauca | 807325 | | Inheritance | | |
| Scoliodon | 806766 | | Cyprinidae | | |
| Isuridae | | | Carassius auratus X | | |
| Isurus glaucus | 807325 | | Cyprinus carpio X | 808781 | |

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| Nervous system (continued) | Feeding | | Cyprinidae | |
| | Anguillidae | | <i>Carassius auratus</i> | 803655 |
| Brain | <i>Anguilla anguilla</i> | 805639 | Oxidative metabolism | |
| | Cyprinidae | | Biochemistry | |
| | <i>Abramis brama</i> | 805639 | Petromyzontomorpha | |
| | Esocidae | | <i>Petromyzon marinus</i> | 806485 |
| | <i>Esox lucius</i> | 805639 | Larva | |
| | Salmonidae | | Petromyzontomorpha | |
| | <i>Salmo gairdneri</i> | 805639 | <i>Petromyzon marinus</i> | 806485 |
| | Biochemistry | | Carbohydrate metabolism | |
| | Protein synthesis | | Biochemistry | |
| | Cyprinidae | | Petromyzontomorpha | |
| | <i>Brachydanio rerio</i> | 809098 | <i>Lampetra fluviatilis</i> | 806306 |
| | DNA content and function | | Experimental analysis | |
| | Cyprinidae | | Petromyzontomorpha | |
| | <i>Brachydanio rerio</i> | 809098 | <i>Lampetra fluviatilis</i> | 806306 |
| | Glycine | | Optic tectum | |
| | Function | | Anatomy | |
| | Ictaluridae | | Cyprinidae | |
| | <i>Ictalurus punctatus</i> | 804035 | <i>Carassius auratus</i> | 805687 |
| | Experimental analysis | | Experimental analysis | |
| | Teleostei | 804826 | Cyprinidae | |
| | Developmental analysis | | <i>Carassius auratus</i> | 805687 |
| | Cyprinodontidae | 805708 | Olfactory nerve | |
| | Descriptive evolution | | Experimental analysis | |
| | | 807940 | Muraenidae | 804349 |
| | Acclimation | | Sense organs | |
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| | Cyprinidae | | Mastacembelidae | |
| | <i>Carassius auratus</i> | 806524 | <i>Mastacembelus armatus</i> | 806410 |
| | Protein content | | Cyprinidae | 806383 |
| | Biochemistry | | <i>Lebeo gonius</i> | 806410 |
| | Cyprinidae | | Clariidae | |
| | <i>Carassius auratus</i> | 803655 | <i>Clarias batrachus</i> | 806410 |
| | Lipid and fatty acid content | | Notopteridae | |
| | Histology | | <i>Notopterus notopterus</i> | 806410 |
| | Cyprinidae | | Function | |
| | <i>Barbus ticto</i> | 807146 | Mastacembelidae | |
| | Notopteridae | | <i>Mastacembelus armatus</i> | 806410 |
| | <i>Notopterus notopterus</i> | 807146 | Cyprinidae | 806383 |
| | Biochemistry | | <i>Lebeo gonius</i> | 806410 |
| | Nototheniidae | | Clariidae | |
| | <i>Trematomus bernacchi</i> | 804038 | <i>Clarias batrachus</i> | 806410 |
| | Cottidae | | Notopteridae | |
| | <i>Leptocottus armatus</i> | 804038 | <i>Notopterus notopterus</i> | 806410 |
| | Cyprinidae | | Sound reception | |
| | <i>Barbus ticto</i> | 807146 | Nervous electrophysiology | |
| | <i>Carassius auratus</i> | 804038 | Cyprinidae | |
| | Notopteridae | | <i>Carassius auratus</i> | 806996 |
| | <i>Notopterus notopterus</i> | 807146 | Chemical senses | |
| | Salmonidae | | Visual senses | |
| | <i>Oncorhynchus nerka</i> | 808946 | Function | |
| | Migrations | | Gasterosteidae | |
| | Salmonidae | | <i>Culaea inconstans</i> | 807317 |
| | <i>Oncorhynchus nerka</i> | 808946 | Cichlidae | |
| | Glucose content | | <i>Cichlasoma nigrofasciatum</i> | 807317 |
| | Experimental analysis | | Characidae | |
| | Batrachoidiformes | | <i>Corynopoma riisei</i> | 807317 |
| | <i>Opsanus tau</i> | 805028 | Ictaluridae | |
| | Protein synthesis | | <i>Ictalurus natalis</i> | 807317 |
| | Biochemistry | | Adrenaline | |
| | Cyprinidae | | Biochemistry | |
| | <i>Carassius auratus</i> | 803655 | Cyprinidae | |
| | DNA content and function | | <i>Carassius auratus</i> | 805221 |
| | Pleuronectidae | | Experimental analysis | |
| | <i>Pseudopleuronectes yokohamae</i> | 807720 | Cyprinidae | |
| | Migrations | | <i>Carassius auratus</i> | 805221 |
| | Salmonidae | | Noradrenaline | |
| | <i>Oncorhynchus gorbuscha</i> | 807654 | Biochemistry | |
| | RNA content and function | | Cyprinidae | |
| | Migrations | | <i>Carassius auratus</i> | 805221 |
| | Salmonidae | | Experimental analysis | |
| | <i>Oncorhynchus gorbuscha</i> | 807654 | Cyprinidae | |
| | Enzymology | | <i>Carassius auratus</i> | 805221 |
| | Biochemistry | | Insulin | |
| | Salmonidae | | Biochemistry | |
| | <i>Salmo gairdneri</i> | 804661 | Petromyzontomorpha | |
| | Isoenzymes | | <i>Lampetra fluviatilis</i> | 806306 |
| | Biochemistry | | Experimental analysis | |
| | Zoaridae | | Petromyzontomorpha | |
| | <i>Zoarces viviparus</i> | 805115 | <i>Lampetra fluviatilis</i> | 806306 |
| | LDH isoenzymes | | Arterial system | |
| | Biochemistry | | Anatomy | |
| | Bothidae | 804476 | Allopiidae | |
| | | 804477 | <i>Allopius vulpinus</i> | 805069 |
| | Pleuronectidae | 804476 | Change with age | |
| | | 804477 | Cytology | |
| | Soleidae | | Poeciliidae | |
| | <i>Microchirus variegatus</i> | 804477 | <i>Poecilia reticulata</i> | 804718 |
| | <i>Solea solea</i> | 804477 | Allometry | |
| | Gadidae | | Weight length relationship | |
| | <i>Gadus morhua</i> | 804449 | Dasyatidae | |
| | Intermediary metabolism | | <i>Dasyatis pastinaca</i> | 805364 |
| | Biochemistry | | | |

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| Rajidae | | | <i>Myoxocephalus scorpius</i> | 808942 | Nervous system (continued) |
| <i>Raja clavata</i> | 805364 | | Anguillidae | | |
| Squalidae | | | <i>Anguilla rostrata</i> | 808942 | |
| <i>Squalus acanthias</i> | 805364 | | Nitrogen metabolism | | |
| Carangidae | | | Biochemistry | | Brain |
| <i>Trachurus mediterraneus</i> | 805364 | | Squalidae | | |
| Emmelichthyidae | | | <i>Squalus acanthias</i> | 806806 | |
| <i>Spicara smaris</i> | 805364 | | Cottidae | | |
| Mullidae | | | <i>Myoxocephalus scorpius</i> | 806806 | |
| <i>Mullus barbatus</i> | 805364 | | Anguillidae | | |
| Percidae | | | <i>Anguilla rostrata</i> | 806806 | |
| <i>Stizostedion lucioperca</i> | 805364 | | Histamine | | |
| Scombridae | | | Biochemistry | | |
| <i>Sarda sarda</i> | 805364 | | Cyprinidae | | |
| <i>Scomber scombrus</i> | 805364 | | <i>Carassius auratus</i> | 804906 | |
| Clupeidae | | | Monoaminergic neurones | | |
| <i>Alosa pontica</i> | 805364 | | Anatomy | | |
| Cyprinidae | | | Biochemistry | | |
| <i>Aspius aspius</i> | 805364 | | Anguillidae | | |
| <i>Cyprinus carpio</i> | 805364 | | <i>Anguilla anguilla</i> | 805216 | |
| Esocidae | | | Monoamines | | |
| <i>Esox lucius</i> | 805364 | | Biochemistry | | |
| Temperature | | | Experimental analysis | | |
| Biochemistry | | | Poeciliidae | | |
| Cyprinodontidae | | | <i>Poecilia reticulata</i> | 805603 | |
| <i>Fundulus heteroclitus</i> | 804227 | | Cyprinidae | | |
| Cyprinidae | | | <i>Carassius auratus</i> | 805603 | |
| <i>Carassius auratus</i> | 804227 | | <i>Cyprinus carpio</i> | 805603 | |
| Salmonidae | | | Peptide | | |
| <i>Salmo salar</i> | 804881 | | Nitrogenous content | | |
| <i>Salvelinus fontinalis</i> | 804881 | | Biochemistry | | |
| Acclimation | | | Rajidae | | |
| Salmonidae | | | <i>Raja clavata</i> | 808358 | |
| <i>Salmo salar</i> | 804881 | | Squalidae | | |
| <i>Salvelinus fontinalis</i> | 804881 | | <i>Squalus acanthias</i> | 808358 | |
| Aestivation | | | Acipenseromorpha | | |
| Biochemistry | | | <i>Acipenser gueldenstaedti</i> | 808358 | |
| Dipnoi | | | Percidae | | |
| <i>Protopterus aethiopicus</i> | 807039 | | <i>Stizostedion lucioperca</i> | 808358 | |
| Gerontological pathologies | | | Tetraphenylborate | | |
| Biochemistry | | | Biochemistry | | |
| Salmonidae | | | Experimental analysis | | |
| <i>Oncorhynchus gorbusha</i> | 808379 | | Cyprinidae | | |
| Enzymology | | | <i>Carassius auratus</i> | 805562 | |
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| <i>Oncorhynchus gorbusha</i> | 808379 | | Gadidae | | |
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| Embryo transplantation | | | <i>Neoceratodus forsteri</i> | 807253 | |
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| Enzymology | | | Labridae | 804562 | |
| Biochemistry | | | Mastacembelidae | | |
| Dipnoi | | | <i>Mastacembelus armatus</i> | 804562 | |
| <i>Protopterus annectens</i> | 808952 | | Mugiloidae | | |
| Salmonidae | | | <i>Liza auratus</i> | 804562 | |
| <i>Salmo gairdneri</i> | 807480 | | Centrarchidae | | |
| Experimental analysis | | | <i>Lepomis gibbosus</i> | 804562 | |
| Salmonidae | | | Cichlidae | | |
| <i>Salmo gairdneri</i> | 807480 | | <i>Pterophyllum scalare</i> | 804562 | |
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| Dipnoi | | | <i>Maena smaris</i> | 804562 | |
| <i>Protopterus annectens</i> | 808952 | | Mullidae | | |
| Acetylhistidine | | | <i>Mullus surmuletus</i> | 804562 | |
| Intermediary metabolism | | | Serranidae | 804562 | |
| Biochemistry | | | Sparidae | 804562 | |
| Cyprinidae | | | Trachinidae | | |
| <i>Carassius auratus</i> | 809090 | | <i>Trachinus vipera</i> | 804562 | |
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| Biochemistry | | | <i>Uranoscopus scaber</i> | 804562 | |
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| <i>Raja clavata</i> | 805257 | | <i>Arnoglossus latera</i> | 804562 | |
| Squalidae | | | Scorpaenidae | | |
| <i>Squalus acanthias</i> | 805257 | | <i>Scorpaena notata</i> | 804562 | |
| Change with age | | | <i>Scorpaena porcus</i> | 804562 | |
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| <i>Acipenser gueldenstaedti</i> | 805257 | | <i>Tetraodon fluviatilis</i> | 804562 | |
| <i>Acipenser stellatus</i> | 805257 | | Poeciliidae | 804562 | |
| Percidae | | | Belonidae | | |
| <i>Stizostedion lucioperca</i> | 805257 | | <i>Belone bellone</i> | 804562 | |
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| Enzymology | | | <i>Sardina pilchardus</i> | 804562 | |
| Biochemistry | | | Anguillidae | | |
| Squalidae | | | <i>Anguilla anguilla</i> | 804562 | |
| <i>Squalus acanthias</i> | 808942 | | Congridae | | |
| Cottidae | | | <i>Conger conger</i> | 804562 | |

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| Nervous system (continued) | Muraenidae | | Cyprinidae | |
| | <i>Muraena helena</i> | 804562 | <i>Carassius auratus</i> | 806276 |
| | Chacidae | 804562 | Instrumental conditioning | |
| Brain | Cyprinidae | 804562 | Cyprinidae | |
| | Callichthyidae | | <i>Carassius auratus</i> | 806276 |
| | <i>Corydoras aeneus</i> | 804562 | Temperature | |
| | Ictaluridae | | Experimental analysis | |
| | <i>Ictalurus nebulosus</i> | 804562 | Cottidae | |
| | Salmonidae | | <i>Myoxocephalus scorpioides</i> | 808768 |
| | <i>Salmo trutta</i> | 804562 | <i>Myoxocephalus scorpius</i> | 808768 |
| | Histology | | Aestivation | |
| | Petromyzontomorpha | | Experimental analysis | |
| | <i>Petromyzon marinus</i> | 803957 | Dipnoi | |
| | Chimaeromorpha | | <i>Protopterus annectens</i> | 806294 |
| | <i>Chimaera monstrosa</i> | 805102 | Steroid metabolism | |
| | | 805103 | Dipnoi | |
| | <i>Hydrolagus</i> | 806905 | <i>Protopterus annectens</i> | 806294 |
| | Elasmobranchii | 805102 | Nervous electrophysiology | |
| | Teleostei | 803957 | Dipnoi | |
| | Function | 803957 | <i>Protopterus annectens</i> | 806294 |
| | Petromyzontomorpha | | Thyroid hormone | |
| | <i>Petromyzon marinus</i> | 803957 | Dipnoi | |
| | Elasmobranchii | 803957 | <i>Protopterus annectens</i> | 806294 |
| | Teleostei | 803957 | Habitat preference | |
| | Development | | Experimental analysis | |
| | Dipnoi | | Cottidae | |
| | <i>Neoceratodus forsteri</i> | 807172 | <i>Myoxocephalus scorpioides</i> | 808768 |
| | <i>Protopterus dolloi</i> | 807172 | <i>Myoxocephalus scorpius</i> | 808768 |
| | Coelacanthini | | Avoidance conditioning | |
| | <i>Latimeria chalumnae</i> | 807172 | Experimental analysis | |
| | Polypteromorpha | | Cichlidae | |
| | <i>Polypterus senegalensis</i> | 807172 | <i>Tilapia melanotheron</i> | 809017 |
| | <i>Polypterus senegalus</i> | 805134 | | 809028 |
| | Amiomorpha | | Cyprinidae | |
| | <i>Amia calva</i> | 807172 | <i>Carassius auratus</i> | 806186 |
| | Descriptive evolution | | | 809018 |
| | Dipnoi | | | 809091 |
| | <i>Neoceratodus forsteri</i> | 807172 | Brain injury | |
| | <i>Protopterus dolloi</i> | 807172 | Cyprinidae | |
| | Coelacanthini | | <i>Carassius auratus</i> | 809091 |
| | <i>Latimeria chalumnae</i> | 807172 | Instrumental conditioning | |
| | Polypteromorpha | | Experimental analysis | |
| | <i>Polypterus senegalensis</i> | 807172 | Cyprinidae | |
| | Amiomorpha | | <i>Carassius auratus</i> | 808328 |
| | <i>Amia calva</i> | 807172 | | 808330 |
| | Channiformes | | Brain injury | |
| | <i>Channa striatus</i> | 805692 | Cyprinidae | |
| | Mastacembelidae | | <i>Carassius auratus</i> | 808328 |
| | <i>Mastacembelus armatus</i> | 805692 | | 808330 |
| | Cyprinidae | | Interocular transfer | |
| | <i>Barbus ticto</i> | 805692 | Experimental analysis | |
| | Histology | | Cyprinidae | |
| | Descriptive evolution | | <i>Carassius auratus</i> | 806249 |
| | Lophidae | | Avoidance conditioning | |
| | <i>Lophius piscatorius</i> | 807173 | Cyprinidae | |
| | Function | | <i>Carassius auratus</i> | 806249 |
| | Labridae | | | |
| | <i>Crenilabrus tinca</i> | 804826 | Diencephalon | |
| | Dextrality or sinistrality | | Anatomy | |
| | Anatomy | | Descriptive evolution | |
| | Cynoglossidae | | Dipnoi | |
| | <i>Cynoglossus bilineatus</i> | 804142 | <i>Protopterus</i> | 807255 |
| | Cell division | | Histology | |
| | Cytology | | Ultrastructure | |
| | Poeciliidae | | Dipnoi | |
| | <i>Poecilia reticulata</i> | 805823 | <i>Neoceratodus forsteri</i> | 807062 |
| | Change with age | | Cytology | |
| | Poeciliidae | | Development | |
| | <i>Poecilia reticulata</i> | 805823 | Poeciliidae | |
| | Nervous electrophysiology | | <i>Poecilia reticulata</i> | 804718 |
| | Dipnoi | | Habenula | |
| | <i>Protopterus annectens</i> | 808953 | Anatomy | |
| | Olfactory nerve | | Function | |
| | Experimental analysis | | Channiformes | |
| | Oreotolobidae | | <i>Channa striatus</i> | 805872 |
| | <i>Ginglymostoma cirratum</i> | 807175 | Mastacembelidae | |
| | Nerve transection | | <i>Mastacembelus armatus</i> | 805872 |
| | Oreotolobidae | | Cynoglossidae | |
| | <i>Ginglymostoma cirratum</i> | 807175 | <i>Plagusia bilineata</i> | 805872 |
| | Chemical senses | | Tetraodontidae | |
| | Function | | <i>Tetraodon oblongus</i> | 805872 |
| | Cyprinidae | | Cyprinidae | |
| | <i>Carassius auratus</i> | 805016 | <i>Barbus ticto</i> | 805872 |
| | | 805017 | Clariidae | |
| | | | <i>Clarias batrachus</i> | 805872 |
| | Nose | | Paraventricular organ | |
| | Experimental analysis | | Histology | |
| | Dipnoi | | Biochemistry | |
| | <i>Protopterus annectens</i> | 808953 | Poeciliidae | |
| | Shape discrimination | | <i>Poecilia reticulata</i> | 805603 |
| | Experimental analysis | | Development | |
| | Cyprinidae | | Poeciliidae | |
| | <i>Carassius auratus</i> | 806276 | <i>Poecilia reticulata</i> | 805603 |
| | Avoidance conditioning | | | |

| Thalamus | | Nervous electrophysiology | Nervous system |
|------------------------------------|--------|----------------------------------|----------------|
| Anatomy | | Function | (continued) |
| Dipnoi | | Cyprinidae | |
| <i>Protopterus</i> | 807255 | <i>Carassius auratus</i> | 804660 |
| Ultrastructure | | Optic nerve | |
| Acipenseromorpha | | Histology | |
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| <i>Acipenser transmontanus</i> | 805151 | <i>Myoxocephalus scorpius</i> | 807326 |
| <i>Polyodon spathula</i> | 805151 | Nerve transection | |
| Descriptive evolution | | Cottidae | |
| Acipenseromorpha | | <i>Myoxocephalus scorpius</i> | 807326 |
| <i>Acipenser medirostris</i> | 805151 | Regeneration | |
| <i>Acipenser transmontanus</i> | 805151 | Histology | |
| <i>Polyodon spathula</i> | 805151 | Poeciliidae | |
| Histology | | <i>Poecilia reticulata</i> | 807323 |
| Ultrastructure | | Change with age | |
| Dasyatidae | | Poeciliidae | |
| <i>Trygon pastinaca</i> | 804764 | <i>Poecilia reticulata</i> | 807323 |
| Rajidae | | Sensory deprivation | |
| <i>Raja clavata</i> | 804764 | Experimental analysis | |
| Carcharhinidae | | Cichlidae | |
| <i>Mustelus mustelus</i> | 804764 | <i>Aequidens portalegrensis</i> | 804343 |
| Scyliorhinidae | | <i>Astronotus ocellatus</i> | 804343 |
| <i>Scyliorhinus stellaris</i> | 804764 | <i>Cichlasoma meeki</i> | 804343 |
| Acipenseromorpha | | Cyprinidae | |
| <i>Acipenser gueldenstaedti</i> | 804764 | <i>Carassius auratus</i> | 804343 |
| <i>Acipenser stellatus</i> | 804764 | <i>Idus</i> | 804343 |
| Descriptive evolution | | Metencephalon | |
| Dasyatidae | | Anatomy | |
| <i>Trygon pastinaca</i> | 804764 | Squalidae | |
| Rajidae | | <i>Squalus acanthias</i> | 806100 |
| <i>Raja clavata</i> | 804764 | Histology | |
| Carcharhinidae | | Myxinoomorpha | |
| <i>Mustelus mustelus</i> | 804764 | <i>Eptatretus stouti</i> | 806094 |
| Scyliorhinidae | | Petromyzontomorpha | |
| <i>Scyliorhinus stellaris</i> | 804764 | <i>Petromyzon marinus</i> | 806094 |
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| <i>Acipenser gueldenstaedti</i> | 804764 | <i>Chimaera monstrosa</i> | 806094 |
| <i>Acipenser stellatus</i> | 804764 | Dasyatidae | |
| Mesencephalon | | <i>Dasyatis americana</i> | 806094 |
| Anatomy | | Rajidae | |
| Histology | | <i>Raja batis</i> | 806094 |
| Rhinobatidae | | Rhinobatidae | |
| <i>Platyrhinoidis triseriata</i> | 806099 | <i>Platyrhinoidis triseriata</i> | 806099 |
| Experimental analysis | | Torpedinidae | |
| Rhinobatidae | | <i>Narcine brasiliensis</i> | 806094 |
| <i>Platyrhinoidis triseriata</i> | 806099 | Squalidae | |
| Holocentridae | | <i>Squalus acanthias</i> | 806094 |
| <i>Holocentrus</i> | 807143 | Dipnoi | |
| Electrical sensitivity | | <i>Lepidosiren paradoxa</i> | 806094 |
| Rhinobatidae | | <i>Neoceratodus forsteri</i> | 806094 |
| <i>Platyrhinoidis triseriata</i> | 806099 | <i>Protopterus annectens</i> | 806094 |
| Nerve transection | | Coelacanthini | |
| Holocentridae | | <i>Latimeria chalumnae</i> | 806094 |
| <i>Holocentrus</i> | 807143 | Acipenseromorpha | |
| Optic tectum | | <i>Polyodon spathula</i> | 806094 |
| Characidae | | Polypteromorpha | |
| <i>Anoptichthys</i> | 805735 | <i>Polypterus bichir</i> | 806094 |
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| <i>Caecobarbus geertsii</i> | 805735 | <i>Amia calva</i> | 806094 |
| <i>Typhlogarra widdowsoni</i> | 805735 | Semionotomorpha | |
| Pimelodontidae | 805735 | <i>Lepisosteus osseus</i> | 806094 |
| Amblyopsidae | 805735 | Echeneidae | |
| Anatomy | | <i>Echeneis naucrates</i> | 806094 |
| Dipnoi | | Cyprinidae | |
| <i>Protopterus</i> | 807255 | <i>Carassius auratus</i> | 806094 |
| Experimental analysis | | Ictaluridae | |
| Holocentridae | | <i>Ictalurus punctatus</i> | 806094 |
| <i>Holocentrus</i> | 807143 | Mormyridae | |
| Nerve transection | | <i>Gnathonemus moori</i> | 806094 |
| Holocentridae | | <i>Gnathonemus petersi</i> | 806095 |
| <i>Holocentrus</i> | 807143 | | 806096 |
| Histology | | | 806095 |
| Function | | <i>Petrocephalus bovei</i> | 806096 |
| Anabantidae | | Ultrastructure | |
| <i>Anabas testudineus</i> | 809096 | Rhinobatidae | |
| Cichlidae | | <i>Platyrhinoidis triseriata</i> | 806099 |
| <i>Hemichromis fasciatus</i> | 809096 | Function | |
| <i>Hemihaplochromis multicolor</i> | 809096 | Cephalaspidiformes | 806092 |
| <i>Nannacara anomala</i> | 809096 | Arthrodira | 806092 |
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| <i>Belonesox belizanus</i> | 809096 | <i>Raja clavata</i> | 804066 |
| <i>Poecilia reticulata</i> | 809096 | | |
| <i>Xiphophorus helleri</i> | 809096 | | |
| <i>Xiphophorus helleri X</i> | | | |
| <i>Xiphophorus maculatus X</i> | 809096 | | |
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| <i>Barbus tetrazona</i> | 809096 | | |
| <i>Brachydanio reio</i> | 809096 | | |
| <i>Carassius auratus</i> | 809096 | | |
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| <i>Corydoras paleatus</i> | 809096 | | |
| Loricariidae | | | |
| <i>Loricaria parva</i> | 809096 | | |

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|-----------------------------------|-------------------------------|--------|------------------------------------|--------|
| Nervous system (continued) | Scyliorhinidae | | Merlucciidae | |
| | <i>Scyliorhinus caniculus</i> | 804066 | <i>Merluccius merluccius</i> | 804563 |
| | Mormyridae | | Lophiidae | |
| | <i>Gnathonemus petersi</i> | 806095 | <i>Lophius budegassa</i> | 804563 |
| | <i>Petrocephalus bovei</i> | 806095 | Synodontidae | 804563 |
| | | 806096 | <i>Synodus saurus</i> | |
| Experimental analysis | | | Salmonidae | |
| Dasyatiidae | | | <i>Salmo trutta</i> | 804563 |
| <i>Urolophus halleri</i> | 806099 | | Sternoptychidae | |
| Rhinobatidae | | | <i>Argyropelecus hemigymnus</i> | 804563 |
| <i>Platyrrhinoidis triseriata</i> | 806099 | | Descriptive evolution | |
| <i>Rhinobatos productus</i> | 806099 | | Carcharhinidae | |
| Development | | | <i>Mustelus canis</i> | 804918 |
| Petromyzontomorpha | 806104 | | Ultrastructure | |
| Descriptive evolution | | | Cyprinidae | |
| Cephalaspidiformes | 806092 | | <i>Carassius auratus</i> | 805818 |
| Petromyzontomorpha | 806093 | | Nervous electrophysiology | |
| | 806104 | | Function | |
| Arthrodira | 806092 | | Dasyatiidae | |
| Acipenseromorpha | | | <i>Urolophus halleri</i> | 803567 |
| <i>Acipenser fulvescens</i> | 806093 | | Rhinobatidae | |
| Histology | | | <i>Platyrrhinoidis triseriata</i> | 803567 |
| Ultrastructure | | | <i>Rhinobatos productus</i> | 803567 |
| Mormyridae | | | Heterodontiformes | |
| <i>Gnathonemus petersi</i> | 806097 | | <i>Heterodontus francisci</i> | 803567 |
| Function | | | Experimental analysis | |
| Carcharhinidae | | | Carcharhinidae | |
| <i>Mustelus canis</i> | 804918 | | <i>Mustelus canis</i> | 806101 |
| Syngnathidae | | | Scyliorhinidae | |
| <i>Hippocampus hippocampus</i> | 804563 | | <i>Scyliorhinus caniculus</i> | 806100 |
| <i>Syngnathus typhle</i> | 804563 | | Insecticide pollutants | |
| Blenniidae | | | Cyprinidae | |
| <i>Blennius fluviatilis</i> | 804563 | | <i>Carassius auratus</i> | 803596 |
| <i>Blennius pavo</i> | 804563 | | Spatial orientation | |
| Gobiidae | | | Anatomy | |
| <i>Gobius paganellus</i> | 804563 | | Elasmobranchii | 806103 |
| Labridae | 804563 | | Teleostei | 806103 |
| Mastacembelidae | | | Function | |
| <i>Mastacembelus armatus</i> | 804563 | | Elasmobranchii | 806103 |
| Mugiloidae | | | Teleostei | 806103 |
| <i>Liza auratus</i> | 804563 | | Avoidance conditioning | |
| Centrarchidae | | | Experimental analysis | |
| <i>Lepomis gibbosus</i> | 804563 | | Cichlidae | |
| Cichlidae | | | <i>Tilapia melanotheron</i> | 809017 |
| <i>Pterophyllum scalare</i> | 804563 | | | 809028 |
| Emmelichthyidae | | | CNS integration | |
| <i>Maena smar</i> | 804563 | | Experimental analysis | |
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| <i>Mullus surmuletus</i> | 804563 | | <i>Channa argus</i> | 806102 |
| Serranidae | 804563 | | Medulla oblongata | |
| Sparidae | 804563 | | Anatomy | |
| Trachinidae | | | Experimental analysis | |
| <i>Trachinus vipera</i> | 804563 | | Cyprinidae | |
| Uranoscopidae | | | <i>Scardinius erythrophthalmus</i> | 803909 |
| <i>Uranoscopus scaber</i> | 804563 | | Histology | |
| Bothidae | | | Ultrastructure | |
| <i>Arnoglossus laterna</i> | 804563 | | Amiomorpha | |
| Scorpaenidae | | | <i>Amia calva</i> | 804658 |
| <i>Scorpaena notata</i> | 804563 | | Function | |
| <i>Scorpaena porcus</i> | 804563 | | Amiomorpha | |
| Triglidae | | | <i>Amia calva</i> | 804658 |
| <i>Trigla lyra</i> | 804563 | | Function | |
| Tetraodontidae | | | Teleostei | 803855 |
| <i>Tetraodon fluviatilis</i> | 804563 | | Giia | |
| Poeciliidae | 804563 | | Experimental analysis | |
| Belonidae | | | Amiomorpha | |
| <i>Belone bellone</i> | 804563 | | <i>Amia calva</i> | 804659 |
| Exocoetidae | | | Nervous electrophysiology | |
| <i>Cypselurus rondeleti</i> | 804563 | | Amiomorpha | |
| Clupeidae | | | <i>Amia calva</i> | 804659 |
| <i>Sardina pilchardus</i> | 804563 | | Cranial nerves | |
| Anguillidae | | | Anatomy | |
| <i>Anguilla anguilla</i> | 804563 | | Nandidae | |
| Congridae | | | <i>Nandus nandus</i> | 804140 |
| <i>Conger conger</i> | 804563 | | Belonidae | |
| Muraenidae | | | <i>Xenentodon cancila</i> | 804140 |
| <i>Muraena helena</i> | 804563 | | Claridae | |
| Ophichthidae | | | <i>Clarias batrachus</i> | 806409 |
| <i>Ophisurus serpens</i> | 804563 | | Notopteridae | |
| Characidae | 804563 | | <i>Notopterus notopterus</i> | 804141 |
| Cobitidae | | | Histology | |
| <i>Cobitis taenia</i> | 804563 | | Squalidae | |
| Gyrinocheilidae | 804563 | | <i>Squalus acanthias</i> | 806280 |
| <i>Gyrinocheilus aymonieri</i> | 804563 | | Cyprinidae | |
| Callichthyidae | | | <i>Tinca tinca</i> | 806280 |
| <i>Corydoras aeneus</i> | 804563 | | Olfactory nerve | |
| <i>Corydoras melanistius</i> | 804563 | | Anatomy | |
| Ictaluridae | | | Dipnoi | |
| <i>Ictalurus nebulosus</i> | 804563 | | <i>Neoceratodus forsteri</i> | 807253 |
| Gadidae | | | Histology | |
| <i>Phycis blennoides</i> | 804563 | | Chimaeromorpha | 806905 |
| | | | Elasmobranchii | 803957 |
| | | | Teleostei | 803957 |

| Nervous electrophysiology | | Protein content | | Nervous system (continued) | |
|---------------------------------|--------|---------------------------------|--------|----------------------------|--|
| Petromyzontomorphia | 803957 | Regeneration | | | |
| Elasmobranchii | 803957 | Cyprinidae | | | |
| Teleostei | 803957 | <i>Carassius auratus</i> | 803902 | | |
| Histology | | Neurosecretion in brain | | | |
| Syngnathidae | | Histology | | | |
| <i>Hippocampus hippocampus</i> | 804562 | Cyprinidae | | | |
| <i>Syngnathus typhle</i> | 804562 | <i>Barbus ticto</i> | 805148 | | |
| Blenniidae | | Regeneration | | | |
| <i>Blennius fluviatilis</i> | 804562 | Biochemistry | | | |
| <i>Blennius pavo</i> | 804562 | Cyprinidae | | | |
| Labridae | 804562 | <i>Carassius auratus</i> | 809019 | | |
| Mastacembelidae | | Experimental analysis | | | |
| <i>Mastacembelus armatus</i> | 804562 | Cyprinidae | | | |
| Mugiloidae | | <i>Carassius auratus</i> | 809019 | | |
| <i>Liza auratus</i> | 804562 | Oculomotor nerve | | | |
| Centrarchidae | | Ultrastructure | | | |
| <i>Lepomis gibbosus</i> | 804562 | Diodontidae | | | |
| Cichlidae | | <i>Chilomycterus schoepfi</i> | 806102 | | |
| <i>Pterophyllum scalare</i> | 804562 | Synapses | | | |
| Emmelichthyidae | | Ultrastructure | | | |
| <i>Maena smaris</i> | 804562 | Diodontidae | | | |
| Mullidae | | <i>Chilomycterus schoepfi</i> | 808774 | | |
| <i>Mullus surmuletus</i> | 804562 | Tetraodontidae | | | |
| Serranidae | 804562 | <i>Sphaeroides maculatus</i> | 808774 | | |
| <i>Epinephelus guaza</i> | 803614 | Experimental analysis | | | |
| Sparidae | 804562 | Diodontidae | | | |
| Trachinidae | | <i>Chilomycterus schoepfi</i> | 808774 | | |
| <i>Trachinus vipera</i> | 804562 | Tetraodontidae | | | |
| Uranoscopidae | | <i>Sphaeroides maculatus</i> | 808774 | | |
| <i>Uranoscopus scaber</i> | 804562 | CNS integration | | | |
| Bothidae | | Experimental analysis | | | |
| <i>Arnoglossus laterna</i> | 804562 | Channiformes | | | |
| Scorpaenidae | | <i>Channa argus</i> | 806102 | | |
| <i>Scorpaena notata</i> | 804562 | Diodontidae | | | |
| <i>Scorpaena porcus</i> | 804562 | <i>Chilomycterus schoepfi</i> | 806102 | | |
| Tetraodontidae | | Ciliary ganglion | | | |
| <i>Tetraodon fluviatilis</i> | 804562 | Anatomy | | | |
| Poeciliidae | 804562 | Histology | | | |
| Belontiidae | | Function | | | |
| <i>Belone bellone</i> | 804562 | Acipenseromorphia | | | |
| Clupeidae | | <i>Acipenser ruthenus</i> | 807214 | | |
| <i>Sardina pilchardus</i> | 804562 | Percidae | | | |
| Anguillidae | | <i>Perca fluviatilis</i> | 807214 | | |
| <i>Anguilla anguilla</i> | 804562 | <i>Stizostedion lucioperca</i> | 807214 | | |
| Congridae | | Cobitidae | | | |
| <i>Conger conger</i> | 804562 | <i>Misgurnus fossilis</i> | 807214 | | |
| Muraenidae | | <i>Noemacheilus barbatulus</i> | 807214 | | |
| <i>Muraena helena</i> | 804562 | Cyprinidae | 807214 | | |
| Characidae | 804562 | Ictaluridae | | | |
| Cyprinidae | 804562 | <i>Ictalurus nebulosus</i> | 807214 | | |
| <i>Leuciscus cephalus</i> | 803614 | Siluridae | | | |
| <i>Tinca tinca</i> | 803614 | <i>Silurus glanis</i> | 807214 | | |
| Callichthyidae | | Esocidae | | | |
| <i>Corydoras aeneus</i> | 804562 | <i>Esox lucius</i> | 807214 | | |
| Ictaluridae | | Salmonidae | | | |
| <i>Ictalurus nebulosus</i> | 804562 | <i>Salmo trutta</i> | 807214 | | |
| Salmonidae | | Trochlear nerve | | | |
| <i>Salmo trutta</i> | 804562 | Anatomy | | | |
| Ultrastructure | | Histology | | | |
| Teleostei | 804564 | Mugiloidae | | | |
| Kyphosidae | | <i>Mugil cephalus</i> | 805527 | | |
| <i>Oblada melanura</i> | 804564 | Ultrastructure | | | |
| Serranidae | | Mugiloidae | | | |
| <i>Epinephelus guaza</i> | 803614 | <i>Mugil cephalus</i> | 805527 | | |
| Cyprinidae | 804564 | Acousticolateralis nerve | | | |
| <i>Leuciscus cephalus</i> | 803614 | Nervous electrophysiology | | | |
| | 804564 | Channiformes | | | |
| <i>Tinca tinca</i> | 803614 | <i>Channa argus</i> | 806102 | | |
| | 804564 | Glossopharyngeal nerve | | | |
| Experimental analysis | | Anatomy | | | |
| Cyprinidae | | Nandidae | | | |
| <i>Tinca tinca</i> | 803614 | <i>Nandus nandus</i> | 804747 | | |
| Chemical sensitivity and acuity | | Cynoglossidae | | | |
| Nervous electrophysiology | | <i>Cynoglossus bilineatus</i> | 804747 | | |
| Percidae | | Belontiidae | | | |
| <i>Stizostedion lucioperca</i> | 804027 | <i>Xenentodon cancila</i> | 804747 | | |
| Cyprinidae | | Cyprinidae | | | |
| <i>Carassius carassius</i> | 809054 | <i>Cirrhina mrigala</i> | 804747 | | |
| Gadidae | | Notopteridae | | | |
| <i>Lota lota</i> | 804027 | <i>Notopterus notopterus</i> | 804747 | | |
| Estrogens | | Gills | | | |
| Nervous electrophysiology | | Anatomy | | | |
| Cyprinidae | | Cottidae | | | |
| <i>Carassius auratus</i> | 804540 | <i>Hemiripiterus americanus</i> | 804877 | | |
| Nerve transection | | Function | | | |
| Experimental analysis | | Cottidae | | | |
| Muraenidae | 804349 | <i>Hemiripiterus americanus</i> | 804877 | | |
| Optic nerve | | Vagus nerve | | | |
| Abnormality | | Anatomy | | | |
| Descriptive evolution | | Nandidae | | | |
| Cyprinidae | | <i>Nandus nandus</i> | 805013 | | |
| <i>Barbus canis</i> | 805479 | Cynoglossidae | | | |
| | | <i>Cynoglossus bilineatus</i> | 805013 | | |

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|---------------------------------------|------------------------------|--------|-------------------------------------|--------|
| Nervous system (continued) | Belontiidae | | Somatic motor nervous system | |
| | <i>Xenentodon cancila</i> | 805013 | Galvanotaxis | |
| | Clupeidae | | Experimental analysis | |
| | <i>Hilsa ilisha</i> | 805013 | Anguillidae | |
| | Cyprinidae | | <i>Anguilla anguilla</i> | 807931 |
| | <i>Cirrhina mrigala</i> | 805013 | Spinal cord injury | |
| | Clariidae | | Anguillidae | |
| | <i>Clarias batrachus</i> | 805013 | <i>Anguilla anguilla</i> | 807931 |
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| | Histology | | | 804550 |
| | Function | | Dipnoi | |
| | Anabantidae | | <i>Protopterus aethiopicus</i> | 804414 |
| | <i>Anabas scandens</i> | 806768 | Polypsteromorpha | |
| | Biochemistry | | <i>Polypsterus senegalus</i> | 804414 |
| | Carangidae | | Teleostei | 804445 |
| | <i>Decapterus</i> | 805164 | Function | |
| | Anguillidae | | Elasmobranchii | 804445 |
| | <i>Anguilla anguilla</i> | 805164 | Teleostei | 804445 |
| | Development | | Effect on fish | |
| | Ultrastructure | | Color change | |
| | Cyprinidae | | Cyprinidae | |
| | <i>Rutilus rutilus</i> | 805190 | <i>Phoxinus phoxinus</i> | 806616 |
| | Effect on fish | | Urogenital muscles | |
| | Hemodynamics | | Poeciliidae | |
| | Anguillidae | | <i>Poecilia reticulata</i> | 805172 |
| | <i>Anguilla anguilla</i> | 805164 | <i>Xiphophorus</i> | 805172 |
| | Bladder | | Cyprinidae | |
| | Salmonidae | | <i>Tinca tinca</i> | 805172 |
| | <i>Salmo gairdneri</i> | 808764 | | |

| Hemodynamics | | Neurohypophysis | | Endocrine system (continued) |
|---------------------------------|--------|--|--------|---------------------------------|
| Anguillidae | | Biochemistry | | |
| <i>Anguilla anguilla</i> | 805223 | Anguillidae | | |
| Mating | | <i>Anguilla anguilla</i> | 808960 | |
| Teleostei | 809079 | Glumitocin | | |
| Neurohypophysis | | Elasmobranchii | 803805 | |
| Biochemistry | | Ultrastructure | | |
| Chimaeromorpha | | Function | | |
| <i>Callorhynchus</i> | 803811 | Elasmobranchii | 809071 | |
| <i>Chimaera monstrosa</i> | 803811 | Mesotocin | | |
| <i>Hydrolagus coliei</i> | 803811 | Ultrastructure | | |
| Rajidae | | Function | | |
| <i>Raja clavata</i> | 803811 | Dipnoi | 809071 | |
| Rhinobatidae | | Biochemistry | | |
| <i>Rhinobatos rhinobatos</i> | 803811 | Dipnoi | | |
| Carcharinidae | | <i>Protopterus aethiopicus</i> | 804414 | |
| <i>Carcharhinus leucas</i> | 803811 | Neuroendocrine environment reaction | | |
| <i>Negaprion brevirostris</i> | 803811 | Teleostei | 806184 | |
| Scyliorhinidae | | Experimental analysis | | |
| <i>Scyliorhinus caniculus</i> | 803811 | Coloration | | |
| Hexanchiformes | | Anguillidae | | |
| <i>Hexanchus griseus</i> | 803811 | <i>Anguilla anguilla</i> | 804537 | |
| Squatinae | | Temperature | | |
| <i>Squatina squatina</i> | 803811 | Anguillidae | | |
| Glumitocin | | <i>Anguilla anguilla</i> | 804537 | |
| Biochemistry | | Salinity | | |
| Rajidae | | Anguillidae | | |
| <i>Raja rhina</i> | 803805 | <i>Anguilla anguilla</i> | 804537 | |
| Squalidae | | Electric shocking | | |
| <i>Squalus acanthias</i> | 803805 | Anguillidae | | |
| Oxytocin | | <i>Anguilla anguilla</i> | 804537 | |
| Chimaeromorpha | 809071 | Neuroendocrine feedback mechanisms | | |
| Ultrastructure | | Petromyzontomorpha | 806303 | |
| Salmonidae | | Teleostei | 806111 | |
| <i>Oncorhynchus tshawytscha</i> | 805152 | | 806184 | |
| Biochemistry | | Anatomy | | |
| Dipnoi | | Experimental analysis | | |
| <i>Protopterus aethiopicus</i> | 804414 | Teleostei | 809070 | |
| Effect on fish | | Experimental analysis | | |
| Hemodynamics | | Petromyzontomorpha | | |
| Anguillidae | | <i>Lampetra fluviatilis</i> | 806305 | |
| <i>Anguilla anguilla</i> | 805224 | Adrenocorticotrophic hormone | | |
| Vasotocin | | Experimental analysis | | |
| Anguillidae | | Elasmobranchii | 809075 | |
| <i>Anguilla anguilla</i> | 805588 | Teleostei | 809075 | |
| Ultrastructure | | Cyprinidae | | |
| Salmonidae | | <i>Carassius auratus</i> | 804210 | |
| <i>Oncorhynchus tshawytscha</i> | 805152 | Thyroid stimulating hormone | | |
| Function | | Petromyzontomorpha | 809073 | |
| Petromyzontomorpha | 809071 | Elasmobranchii | 809073 | |
| Elasmobranchii | 809071 | Teleostei | 809073 | |
| Acipenseromorpha | 809071 | Gonadotropin | | |
| Teleostei | 809071 | Experimental analysis | | |
| Biochemistry | | Heteropneustidae | | |
| Dipnoi | | <i>Heteropneustes fossilis</i> | 804350 | |
| <i>Protopterus aethiopicus</i> | 804414 | Thyroid hormone | | |
| Polypteromorpha | | Experimental analysis | | |
| <i>Polypterus senegalus</i> | 804414 | Anguillidae | | |
| Effect on fish | | <i>Anguilla anguilla</i> | 804541 | |
| Ion and water relationships | | In vitro techniques | | |
| Anguillidae | | Experimental analysis | | |
| <i>Anguilla anguilla</i> | 803820 | Myxinomorpha | | |
| Hemodynamics | | <i>Myxine glutinosa</i> | 806302 | |
| Anguillidae | | Descriptive evolution | | |
| <i>Anguilla anguilla</i> | 805224 | Myxinomorpha | | |
| Agglomerular kidney | | <i>Myxine glutinosa</i> | 806302 | |
| Batrachoidiformes | | Reserpine | | |
| <i>Opsanus tau</i> | 804611 | Prolactin | | |
| Neurohypophysis | | Experimental analysis | | |
| Biochemistry | | Heteropneustidae | | |
| Anguillidae | | <i>Heteropneustes fossilis</i> | 806288 | |
| <i>Anguilla anguilla</i> | 808960 | Adenohypophysis | | |
| Isotocin | | Anatomy | | |
| Anguillidae | | Carcharinidae | | |
| <i>Anguilla anguilla</i> | 805588 | <i>Mustelus canis</i> | 804555 | |
| Ultrastructure | | Gobiesociformes | | |
| Function | | <i>Aspasma</i> | 808902 | |
| Polypteromorpha | 809071 | Histology | | |
| Amiomorpha | | Chimaeromorpha | 809070 | |
| <i>Amia calva</i> | 809071 | Elasmobranchii | 809070 | |
| Semionotomorpha | 809071 | Polypteromorpha | 809070 | |
| Teleostei | 809071 | Amiomorpha | | |
| Biochemistry | | <i>Amia calva</i> | 809070 | |
| Polypteromorpha | | Teleostei | 809070 | |
| <i>Polypterus senegalus</i> | 804414 | Channiformes | 805417 | |
| Effect on fish | | Belontiidae | | |
| Ion and water relationships | | <i>Trichogaster fasciatus</i> | 805417 | |
| Anguillidae | | Gobiidae | | |
| <i>Anguilla anguilla</i> | 803820 | <i>Glossogobius giuris</i> | 805417 | |
| Hemodynamics | | Mastacembelidae | | |
| Anguillidae | | <i>Macrogynathus aculeatus</i> | 805417 | |
| <i>Anguilla anguilla</i> | 805224 | <i>Mastacembelus armatus</i> | 805417 | |
| | | <i>Mastacembelus pancalus</i> | 805417 | |

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|---------------------------------|-----------------------------------|--------|--------------------------------|--------|
| Endocrine system (continued) | Nototheniidae | | Cyprinidae | |
| | <i>Leuciscus bispinis</i> | 805657 | <i>Leuciscus rutilus</i> | 803807 |
| | <i>Notothenia cyanobranchia</i> | 805657 | Descriptive evolution | |
| | Centropomidae | | Myxinomorpha | 803652 |
| | <i>Ambassis ranga</i> | 805417 | <i>Myxine glutinosa</i> | 806302 |
| | Cichlidae | | Petromyzontomorpha | 803652 |
| | <i>Etroplus maculatus</i> | 805417 | Elasmobranchii | 803652 |
| | Nandidae | | Dipnoi | 803652 |
| | <i>Nandus nandus</i> | 805417 | Teleostei | 803652 |
| | Amphipnoidae | | Function | |
| | <i>Amphipneus cuchia</i> | 805417 | Teleostei | 804445 |
| | Belontiidae | | Effect on fish | |
| | <i>Xenentodon cancila</i> | 805417 | Oxidative metabolism | |
| | Cobitidae | | Cichlidae | |
| | <i>Botia birdi</i> | 808611 | <i>Tilapia mossambica</i> | 806983 |
| | <i>Noemacheilus botia</i> | 805417 | Pigment cells | |
| | <i>Noemacheilus kashmiriensis</i> | 808611 | Elasmobranchii | 809083 |
| | Cyprinidae | 805417 | Teleostei | 809083 |
| | <i>Carassius auratus</i> | 808611 | Pancreatic islets | |
| | Bagridae | 808903 | Clariidae | |
| | Clariidae | 805417 | <i>Clarias batrachus</i> | 806702 |
| | <i>Clarias batrachus</i> | 805417 | Seminal vesicles | |
| | Heteropneustidae | | Heteropneustidae | |
| | <i>Heteropneustes fossilis</i> | 805417 | <i>Heteropneustes fossilis</i> | 805704 |
| | Plotosidae | | Oxidative metabolism | |
| | <i>Plotosus anguillaris</i> | 806967 | Experimental analysis | |
| | Schilbeidae | | Rajidae | |
| | <i>Eutropiichthys vacha</i> | 805417 | <i>Raja erinacea</i> | 804239 |
| | <i>Silonia silonia</i> | 805417 | | 805033 |
| | Siluridae | | Ion and water relationships | |
| | <i>Ompok bimaculatus</i> | 805417 | Function | |
| | <i>Ompok pabda</i> | 805417 | Anguillidae | |
| | Sisoridae | | <i>Anguilla anguilla</i> | 803872 |
| | <i>Nangra punctata</i> | 805417 | Experimental analysis | |
| | Notopteridae | | Cyprinodontidae | 804536 |
| | <i>Notopterus notopterus</i> | 805417 | Goodeidae | |
| | Cyrtology | | <i>Xenotoca eiseni</i> | 804536 |
| | Cobitidae | | Poeciliidae | 804536 |
| | <i>Botia birdi</i> | 806959 | <i>Gambusia affinis</i> | 808393 |
| | <i>Noemacheilus kashmiriensis</i> | 806959 | Cyprinidae | |
| | Cyprinidae | 806959 | <i>Carassius auratus</i> | 803808 |
| | Ultrastructure | | | 803890 |
| | Polypteromorpha | | Coloration | |
| | <i>Calamoichthys calabaricus</i> | 807192 | Experimental analysis | |
| | Function | | Anguillidae | |
| | Myxinomorpha | 809070 | <i>Anguilla anguilla</i> | 804128 |
| | Petromyzontomorpha | 809070 | Cyprinidae | |
| | Elasmobranchii | 809070 | <i>Carassius auratus</i> | 804491 |
| | Dipnoi | 809070 | Innervation | |
| | Acipenseromorpha | 809070 | Ultrastructure | |
| | Teleostei | 809070 | Gasterosteidae | |
| | Descriptive evolution | | <i>Gasterosteus aculeatus</i> | 804158 |
| | Myxinomorpha | | Experimental analysis | 805170 |
| | <i>Paramyxine atami</i> | 808902 | Gasterosteidae | |
| | <i>Paramyxine yangi</i> | 808902 | <i>Gasterosteus aculeatus</i> | 805170 |
| | Petromyzontomorpha | | Thyrotroph | |
| | <i>Lampetra japonica</i> | 808902 | Histology | |
| | Chimaeromorpha | 808902 | Petromyzontomorpha | |
| | Elasmobranchii | 808902 | <i>Lampetra fluviatilis</i> | 805155 |
| | Dipnoi | | Experimental analysis | |
| | <i>Protopterus annectens</i> | 808902 | Petromyzontomorpha | |
| | Coelacanthini | | <i>Lampetra fluviatilis</i> | 805155 |
| | <i>Latimeria chalumnae</i> | 808902 | Characidae | |
| | Polypteromorpha | | <i>Astyanax jordani</i> | 804815 |
| | <i>Calamoichthys calabaricus</i> | 807192 | Thyroid | |
| | Teleostei | 808902 | Experimental analysis | |
| | Histology | | Bagridae | |
| | Belontiidae | | <i>Myxus vittatus</i> | 804546 |
| | <i>Colisa fasciata</i> | 804609 | Thyroid hormone | |
| | | 808934 | Experimental analysis | |
| | Cyprinidae | | Anguillidae | |
| | <i>Carassius auratus</i> | 804545 | <i>Anguilla anguilla</i> | 804763 |
| | Ultrastructure | | Adrenal cortex | |
| | Salmonidae | | Histology | |
| | <i>Oncorhynchus nerka</i> | 805937 | Salmonidae | |
| | Function | | <i>Oncorhynchus nerka</i> | 807530 |
| | Myxinomorpha | | Function | |
| | <i>Myxine glutinosa</i> | 805150 | Anguillidae | |
| | Poeciliidae | 804240 | <i>Anguilla rostrata</i> | 803646 |
| | <i>Gambusia affinis</i> | | Experimental analysis | |
| | Experimental analysis | | Salmonidae | |
| | Myxinomorpha | | <i>Oncorhynchus nerka</i> | 804549 |
| | <i>Myxine glutinosa</i> | 805150 | | 807530 |
| | Adrenocorticotrophic hormone | | Seasonal changes | |
| | Salmonidae | | Salmonidae | |
| | <i>Oncorhynchus nerka</i> | 807456 | <i>Oncorhynchus nerka</i> | 807530 |
| | Prolactin | | Biochemical blood constituents | |
| | Salmonidae | | Experimental analysis | |
| | <i>Oncorhynchus nerka</i> | 807456 | Anguillidae | |
| | Cyrtology | | <i>Anguilla japonica</i> | 807302 |
| | Function | | Cortisol | |
| | Petromyzontomorpha | 806303 | Anguillidae | |
| | | | <i>Anguilla japonica</i> | 807302 |

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|-----------------------------------|--------|---------------------------------------|--------|------------------|
| Immunological analysis | | Embriotocidae | | Endocrine system |
| Rajae | | <i>Cynogaster aggregata</i> | 806859 | (continued) |
| <i>Raja erinacea</i> | 806802 | Poeciliidae | | |
| Squalidae | | <i>Poecilia reticulata</i> | 804487 | |
| <i>Squalus acanthias</i> | 806802 | Salinity | | |
| Viviparity | | Mugiloidae | | |
| Experimental analysis | | <i>Mugil capito</i> | 806112 | |
| Elasmobranchii | 809078 | <i>Mugil cephalus</i> | 806112 | |
| Teleostei | 809078 | Seasonal changes | | |
| Poeciliidae | | Mugiloidae | | |
| <i>Gambusia affinis</i> | 808393 | <i>Mugil capito</i> | 806112 | |
| <i>Poecilia reticulata</i> | 805196 | <i>Mugil cephalus</i> | 806112 | |
| Ovary | | Oxytocin | | |
| Poeciliidae | | Ultrastructure | | |
| <i>Poecilia reticulata</i> | 805196 | Rajidae | | |
| Ovarian cycles | | <i>Raja rhina</i> | 803645 | |
| Experimental analysis | | Experimental analysis | | |
| Heteropneustidae | | Rajidae | | |
| <i>Heteropneustes fossilis</i> | 804350 | <i>Raja rhina</i> | 803645 | |
| Testis | | Reserpine | | |
| Experimental analysis | | Psychedelic drug treatment | | |
| Poeciliidae | | Experimental analysis | | |
| <i>Poecilia reticulata</i> | 804749 | Clariidae | | |
| | 804750 | <i>Clarias batrachus</i> | 804399 | |
| Spermatogenesis | | Thiourea | | |
| Experimental analysis | | Experimental analysis | | |
| Poeciliidae | | Histology | | |
| <i>Poecilia reticulata</i> | 808290 | Heteropneustidae | | |
| Embryo physiology | | <i>Heteropneustes fossilis</i> | 806769 | |
| Development | | Pars intermedia | | |
| Myxiniomorpha | | Anatomy | | |
| <i>Myxine glutinosa</i> | 805136 | Cytology | | |
| Descriptive evolution | | Teleostei | 809070 | |
| Myxiniomorpha | | Experimental analysis | | |
| <i>Myxine glutinosa</i> | 805136 | Teleostei | 809070 | |
| Life span | | Coloration | | |
| Experimental analysis | | Cytology | | |
| Petromyzontomorpha | | Salmonidae | | |
| <i>Lampetra fluviatilis</i> | 806305 | <i>Salmo gairdneri</i> | 805160 | |
| Change with age | | Function | | |
| Anatomy | | Salmonidae | | |
| Gobiidae | | <i>Salmo gairdneri</i> | 805160 | |
| <i>Glossogobius giuris</i> | 805417 | Short term adaptive color change | | |
| Cyprinidae | | Experimental analysis | | |
| <i>Tor tor</i> | 805417 | Rajidae | | |
| Histology | | <i>Raja radiata</i> | 805179 | |
| Gobiidae | | Innervation | | |
| <i>Leucopsarion petersi</i> | 805492 | Rajidae | | |
| Salinity | | <i>Raja radiata</i> | 805179 | |
| Experimental analysis | | Neuroendocrine feedback mechanisms | | |
| Salmonidae | | Experimental analysis | | |
| <i>Oncorhynchus keta</i> | 804119 | Anguillidae | | |
| <i>Salmo gairdneri</i> | 804119 | <i>Anguilla anguilla</i> | 804128 | |
| Seasonal changes | | Salinity | | |
| Histology | | Experimental analysis | | |
| Mugiloidae | | Anguillidae | | |
| <i>Mugil</i> | 805025 | <i>Anguilla anguilla</i> | 804404 | |
| Serranidae | | <i>Anguilla japonica</i> | 804404 | |
| <i>Serranus hepatus</i> | 807330 | Acclimation | | |
| <i>Serranus scriba</i> | 805130 | Anguillidae | | |
| Cyprinidae | | <i>Anguilla anguilla</i> | 804404 | |
| <i>Cyprinus carpio</i> | 808416 | <i>Anguilla japonica</i> | 804404 | |
| Ictaluridae | | MSH cell | | |
| <i>Ictalurus</i> | 805928 | Experimental analysis | | |
| Sisoridae | | Anguillidae | | |
| <i>Glyptothorax pectinopterus</i> | 804386 | <i>Anguilla anguilla</i> | 804404 | |
| Function | | <i>Anguilla japonica</i> | 804404 | |
| Serranidae | | Melanocyte stimulating hormone | | |
| <i>Serranus scriba</i> | 805130 | Ultrastructure | | |
| Migrations | | Squalidae | | |
| Histology | | <i>Squalus acanthias</i> | 805162 | |
| Acipenseromorpha | | Biochemistry | | |
| <i>Acipenser</i> | 805157 | Chimaeromorpha | | |
| Function | | <i>Hydrolagus collei</i> | 805177 | |
| Acipenseromorpha | | Scyliorhinidae | | |
| <i>Acipenser gueldenstaedti</i> | 806292 | <i>Scyliorhinus caniculus</i> | 805177 | |
| Salmonidae | | Gadidae | | |
| <i>Oncorhynchus</i> | 806292 | <i>Gadus morhua</i> | 805177 | |
| <i>Salmo salar</i> | 806292 | Function | | |
| Descriptive evolution | | Elasmobranchii | 808639 | |
| Acipenseromorpha | | Teleostei | 808639 | |
| <i>Acipenser</i> | 805157 | | 808640 | |
| Reproduction | | Effect on fish | | |
| Function | | Pigment cells | | |
| Acipenseromorpha | | Elasmobranchii | 809083 | |
| <i>Acipenser gueldenstaedti</i> | 806292 | Teleostei | 809083 | |
| Teleostei | 806111 | Protein specificity | | |
| | 807290 | Experimental analysis | | |
| Salmonidae | | Salmonidae | | |
| <i>Oncorhynchus</i> | 806292 | <i>Salmo salar</i> | 806065 | |
| <i>Salmo salar</i> | 806292 | Change with age | | |
| Experimental analysis | | Salmonidae | | |
| Petromyzontomorpha | | <i>Salmo salar</i> | 806065 | |
| <i>Lampetra fluviatilis</i> | 806305 | | | |

| Endocrine system (continued) | Pars distalis | | Protein specificity |
|---------------------------------|-------------------------------------|--------|------------------------------------|
| | Histology | | Experimental analysis |
| | Cobiidae | | Cyprinidae |
| | <i>Noemacheilus kashmiriensis</i> | 806697 | <i>Cyprinus carpio</i> |
| | Experimental analysis | | Salmonidae |
| | Ultrastructure | | <i>Salmo salar</i> |
| | Embriocidae | | Change with age |
| | <i>Cymatogaster aggregata</i> | 804130 | Salmonidae |
| | Innervation | | <i>Salmo salar</i> |
| | Development | | Liver |
| | Cyprinidae | | Effect on fish |
| | <i>Rutilus rutilus</i> | 805167 | Cichlidae |
| | Viviparity | | <i>Tilapia mossambica</i> |
| | Experimental analysis | | Starvation |
| | Poeciliidae | | Effect on fish |
| | <i>Gambusia affinis</i> | 804240 | Cichlidae |
| | Ion and water relationships | | <i>Tilapia mossambica</i> |
| | Poeciliidae | | |
| | <i>Gambusia affinis</i> | 804240 | |
| | Fungi | | Thyrotroph |
| | Abnormality | | Histology |
| | Petromyzontomorpha | | Experimental analysis |
| | <i>Lampetra planeri</i> | 808331 | Acipenseromorpha |
| | Seasonal changes | | <i>Acipenser</i> |
| | Histology | | Characidae |
| | Cyprinidae | 808611 | <i>Asytanax jordani</i> |
| | Experimental analysis | | Cytology |
| | Embriocidae | | Belontiidae |
| | <i>Cymatogaster aggregata</i> | 803813 | <i>Colisa fasciata</i> |
| | Reproduction | | Ultrastructure |
| | Experimental analysis | | Cyprinidae |
| | Petromyzontomorpha | | <i>Carassius auratus</i> |
| | <i>Lampetra fluviatilis</i> | 803815 | Experimental analysis |
| | Corticotroph | | Teleostei |
| | Histology | | Cyprinidae |
| | Experimental analysis | | <i>Carassius auratus</i> |
| | Myxiniomorpha | | Ultrastructure |
| | <i>Myxine glutinosa</i> | 805150 | Salmonidae |
| | Cytology | | <i>Oncorhynchus nerka</i> |
| | Experimental analysis | | Experimental analysis |
| | Teleostei | 809070 | Ultrastructure |
| | Oxygen | | Embriocidae |
| | Cyprinidae | | <i>Cymatogaster aggregata</i> |
| | <i>Barbus barbus</i> | 805343 | Neuroendocrine feedback mechanisms |
| | <i>Barbus meridionalis</i> | 805343 | Salmonidae |
| | <i>Chondrostoma nasus</i> | 805343 | <i>Salmo gairdneri</i> |
| | <i>Leuciscus cephalus</i> | 805343 | Thyroid hormone |
| | Ultrastructure | | Salmonidae |
| | Salmonidae | | <i>Salmo gairdneri</i> |
| | <i>Oncorhynchus nerka</i> | 805937 | Temperature |
| | Identification | | Salmonidae |
| | Immunological analysis | | <i>Salmo gairdneri</i> |
| | Salmonidae | | Thyroid hormone |
| | <i>Oncorhynchus nerka</i> | 807456 | Experimental analysis |
| | Seasonal changes | | Anguillidae |
| | Salmonidae | | <i>Anguilla anguilla</i> |
| | <i>Oncorhynchus nerka</i> | 807456 | Salmonidae |
| | Coloration | | <i>Salmo gairdneri</i> |
| | Experimental analysis | | |
| | Anguillidae | | Seasonal changes |
| | <i>Anguilla anguilla</i> | 804128 | Serranidae |
| | Adrenal cortex | | <i>Serranus scriba</i> |
| | Experimental analysis | | Cytology |
| | Anguillidae | | Belontiidae |
| | <i>Anguilla anguilla</i> | 807061 | <i>Colisa fasciata</i> |
| | Adrenocorticotrophic hormone | | |
| | Experimental analysis | | Thyroid stimulating hormone |
| | Cyprinidae | | Biochemistry |
| | <i>Carassius auratus</i> | 804210 | Function |
| | Effect on fish | | Dipnoi |
| | Glucose content | | <i>Protopterus annectens</i> |
| | Rajidae | | Anguillidae |
| | <i>Raja erinacea</i> | 804239 | <i>Anguilla anguilla</i> |
| | Oxidative metabolism | | Salmonidae |
| | Cichlidae | | <i>Salmo gairdneri</i> |
| | <i>Tilapia mossambica</i> | 806983 | Descriptive evolution |
| | Carbohydrate metabolism | | Dipnoi |
| | Teleostei | | <i>Protopterus annectens</i> |
| | Ion and water relationships | 809075 | Anguillidae |
| | Teleostei | | <i>Anguilla anguilla</i> |
| | Poeciliidae | 809075 | Salmonidae |
| | <i>Gambusia affinis</i> | 808392 | <i>Salmo gairdneri</i> |
| | Pigment cells | | Experimental analysis |
| | Teleostei | 809083 | Bagridae |
| | Adrenal cortex | | <i>Mystus vittatus</i> |
| | Elasmobranchii | 809075 | Descriptive evolution |
| | Teleostei | 809075 | Biochemistry |
| | Leucocytes | | Dipnoi |
| | Teleostei | 809075 | Teleostei |
| | Embryogenesis | | Function |
| | Poeciliidae | | Dipnoi |
| | <i>Gambusia affinis</i> | 808392 | Teleostei |
| | | | Protein specificity |
| | | | Teleostei |

| Gonadotroph | | Oogenesis | | Endocrine system |
|-----------------------------------|--------|---------------------------------|--|-------------------------|
| Histology | | Teleostei | | (continued) |
| Experimental analysis | | Poeciliidae | | 807290 |
| Acipenseromorpha | | <i>Poecilia reticulata</i> | | 805196 |
| <i>Acipenser</i> | 805157 | Cyprinidae | | |
| Cytology | | <i>Carassius auratus</i> | | 807290 |
| Ultrastructure | | Ovulation | | |
| Cyprinidae | | Teleostei | | 807290 |
| <i>Carassius auratus</i> | 807290 | Cyprinidae | | |
| | 808903 | <i>Carassius auratus</i> | | 807290 |
| Function | | Superfetation | | |
| Carcharinidae | | Poeciliidae | | |
| <i>Mustelus canis</i> | 804555 | <i>Poecilia reticulata</i> | | 805196 |
| Experimental analysis | | Testis | | |
| Teleostei | 809070 | Mugiloidei | | |
| Cyprinidae | | <i>Mugil capito</i> | | 804629 |
| <i>Carassius auratus</i> | 807290 | Poeciliidae | | |
| | 808903 | <i>Poecilia reticulata</i> | | 806561 |
| Ultrastructure | | Anguillidae | | |
| Salmonidae | | <i>Anguilla anguilla</i> | | 805362 |
| <i>Oncorhynchus nerka</i> | 805937 | Spermatogenesis | | |
| <i>Methallibure</i> | | Teleostei | | 807290 |
| Experimental analysis | | Cyprinidae | | |
| Embiotocidae | | <i>Carassius auratus</i> | | 807290 |
| <i>Cymatogaster aggregata</i> | 804130 | Chorion | | |
| Function | | Acipenseromorpha | | |
| Teleostei | 807290 | <i>Acipenser stellatus</i> | | 804004 |
| Experimental analysis | | Aggressive behavior | | |
| Heteropneustidae | | Teleostei | | 809079 |
| <i>Heteropneustes fossilis</i> | 805704 | Courtship | | |
| Ovary | | Teleostei | | 809079 |
| Experimental analysis | | Mating | | |
| Salmonidae | | Poeciliidae | | |
| <i>Oncorhynchus nerka</i> | 807414 | <i>Poecilia reticulata</i> | | 804487 |
| Testis | | Nest construction | | |
| Experimental analysis | | Teleostei | | 809079 |
| Salmonidae | | Milt | | |
| <i>Oncorhynchus nerka</i> | 807414 | Cyprinidae | | |
| Seasonal changes | | <i>Carassius auratus</i> | | 804543 |
| Serranidae | | Protein specificity | | |
| <i>Serranus scriba</i> | 805130 | Cyprinidae | | |
| Cytology | | <i>Cyprinus carpio</i> | | 805685 |
| Belontiidae | | Reptilia | | |
| <i>Colisa fasciata</i> | 804609 | Salmonidae | | |
| | 808934 | <i>Oncorhynchus tshawytscha</i> | | 806560 |
| Sisoridae | | Seasonal changes | | |
| <i>Glyptothorax pectinopterus</i> | 804386 | Cyprinidae | | |
| Luteotropic hormone | | <i>Cyprinus carpio</i> | | 805683 |
| Effect on fish | | Milt | | |
| Adrenal cortex | | Developmental analysis | | |
| Heteropneustidae | | Cyprinidae | | |
| <i>Heteropneustes fossilis</i> | 806300 | <i>Carassius auratus</i> | | 804543 |
| Ovulation | | Growth hormone cell | | |
| Heteropneustidae | | Cytology | | |
| <i>Heteropneustes fossilis</i> | 806300 | Experimental analysis | | |
| Seminal vesicles | | Teleostei | | 809070 |
| Heteropneustidae | | Ultrastructure | | |
| <i>Heteropneustes fossilis</i> | 805705 | Salmonidae | | |
| Gonadotropin | | <i>Oncorhynchus nerka</i> | | 805937 |
| Teleostei | 806111 | Experimental analysis | | |
| Biochemistry | | Ultrastructure | | |
| Cyprinidae | | Embiotocidae | | |
| <i>Cyprinus carpio</i> | 806291 | <i>Cymatogaster aggregata</i> | | 804130 |
| Function | | Adrenal cortex | | |
| Petromyzontomorpha | 809078 | Experimental analysis | | |
| Elasmobranchii | 809078 | Anguillidae | | |
| Teleostei | 809078 | <i>Anguilla anguilla</i> | | 807061 |
| Descriptive evolution | | Ovary | | |
| Biochemistry | | Experimental analysis | | |
| Teleostei | 804445 | Salmonidae | | |
| Function | | <i>Oncorhynchus nerka</i> | | 807414 |
| Teleostei | 804445 | Testis | | |
| Effect on fish | | Experimental analysis | | |
| Poison content | | Salmonidae | | |
| Tetraodontidae | | <i>Oncorhynchus nerka</i> | | 807414 |
| <i>Sphoeroides pardalis</i> | 804625 | Captive vs natural fishes | | |
| Thyroid | | Anguillidae | | |
| Anguillidae | | <i>Anguilla japonica</i> | | 808948 |
| <i>Anguilla anguilla</i> | 806301 | Growth hormone | | |
| Salmonidae | | Effect on fish | | |
| <i>Salmo</i> | 806301 | Biochemistry | | |
| Liver | | Elasmobranchii | | 809072 |
| Tetraodontidae | | Dipnoi | | 809072 |
| <i>Sphoeroides pardalis</i> | 804625 | Teleostei | | 809072 |
| Ovary | | Intermediary metabolism | | |
| Mugiloidei | | Elasmobranchii | | 809072 |
| <i>Mugil capito</i> | 804629 | Teleostei | | 809072 |
| Carrangidae | | Ion and water relationships | | |
| <i>Seriola quinqueradiata</i> | 806587 | Teleostei | | 809072 |
| Poeciliidae | | Seminal vesicles | | |
| <i>Poecilia reticulata</i> | 804487 | Heteropneustidae | | |
| Anguillidae | | <i>Heteropneustes fossilis</i> | | 805705 |
| <i>Anguilla anguilla</i> | 805362 | | | 806288 |

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|--|-------------------------------|--------|--------------------------------|--------|
| Endocrine system (continued) | Growth | | Enzymology | |
| | Elasmobranchii | 809072 | Poeciliidae | |
| | Teleostei | 809072 | <i>Poecilia latipinna</i> | 805341 |
| | Protein specificity | | Prolactin | |
| | Serranidae | | Descriptive evolution | |
| | <i>Morone saxatilis</i> | 803899 | Function | |
| | Cyprinidae | | Teleostei | 804445 |
| | <i>Cyprinus carpio</i> | 803899 | Effect on fish | |
| | Experimental analysis | | Anguillidae | |
| | Acipenseromorpha | 805151 | <i>Anguilla anguilla</i> | 803872 |
| | Scombridae | | Biochemistry | |
| | <i>Scomber scombrus</i> | 805151 | Elasmobranchii | 809072 |
| | Salmonidae | | Teleostei | 809072 |
| | <i>Oncorhynchus kisutch</i> | 805151 | Lipid and fatty acid content | |
| | Descriptive evolution | | Cyprinodontidae | 809072 |
| | Acipenseromorpha | 805151 | <i>Fundulus chrysotus</i> | 806287 |
| | Scombridae | | Ion and water relationships | |
| | <i>Scomber scombrus</i> | 805151 | Rajidae | |
| | Salmonidae | | <i>Raja erinacea</i> | 806802 |
| | <i>Oncorhynchus kisutch</i> | 805151 | Teleostei | 809072 |
| | Pituitary ventral lobe | | Gasterosteidae | |
| | Ovarian cycles | | <i>Gasterosteus aculeatus</i> | 803806 |
| | Histology | | | 804754 |
| | Carcharhinidae | | | 804759 |
| | <i>Mustelus canis</i> | 804555 | | 805139 |
| | Pars anterior | | Poeciliidae | |
| | Histology | | <i>Gambusia affinis</i> | 808392 |
| | Salmonidae | | | 808394 |
| | <i>Salmo trutta</i> | 806698 | Cyprinidae | |
| | Prolactin cell | | <i>Carassius auratus</i> | 803808 |
| | Anguillidae | | Pigment cells | |
| | <i>Anguilla japonica</i> | 808902 | Teleostei | 809072 |
| | Histology | | | 809083 |
| | Cyprinidae | | Mucus glands | |
| | <i>Carassius auratus</i> | 804545 | Gasterosteidae | |
| | Cytology | | <i>Gasterosteus aculeatus</i> | 804751 |
| | Teleostei | 809070 | Characidae | |
| | Experimental analysis | | <i>Astyanax jordani</i> | 804405 |
| | Teleostei | 809070 | Mucus | |
| | Development | | Teleostei | 809072 |
| | Poeciliidae | | | 809079 |
| | <i>Poecilia latipinna</i> | 809070 | Gonadotropin | |
| | Ultrastructure | | Mugiloidae | |
| | Salmonidae | | <i>Mugil capito</i> | 806112 |
| | <i>Oncorhynchus nerka</i> | 805937 | <i>Mugil cephalus</i> | 806112 |
| | Function | | Thyroid | |
| | Mugiloidae | | Cichlidae | |
| | <i>Mugil cephalus</i> | 805154 | <i>Pterophyllum</i> | 807953 |
| | Identification | | Anguillidae | |
| | Immunological analysis | | <i>Anguilla</i> | 809072 |
| | Salmonidae | | Gills | |
| | <i>Oncorhynchus nerka</i> | 807456 | Gasterosteidae | |
| | Coloration | | <i>Gasterosteus aculeatus</i> | 804751 |
| | Experimental analysis | | | 804754 |
| | Anguillidae | | Seminal vesicles | |
| | <i>Anguilla anguilla</i> | 804128 | Heteropneustidae | |
| | Mucus glands | | <i>Heteropneustes fossilis</i> | 805705 |
| | Experimental analysis | | | 806288 |
| | Characidae | | Embryogenesis | |
| | <i>Astyanax jordani</i> | 805178 | Poeciliidae | |
| | Ion and water relationships | | <i>Gambusia affinis</i> | 808392 |
| | Characidae | | | 808394 |
| | <i>Astyanax jordani</i> | 805178 | Circadian rhythms | |
| | Innervation | | Cyprinodontidae | |
| | Experimental analysis | | <i>Fundulus chrysotus</i> | 806287 |
| | Anguillidae | | Seasonal changes | |
| | <i>Anguilla anguilla</i> | 805180 | Cyprinodontidae | |
| | Salinity | | <i>Fundulus chrysotus</i> | 806287 |
| | Cytology | | Aggressive behavior | |
| | Poeciliidae | | Teleostei | 809079 |
| | <i>Poecilia latipinna</i> | 806284 | Reproduction | |
| | Experimental analysis | | Elasmobranchii | 809072 |
| | Gobiidae | | Teleostei | 809072 |
| | <i>Gobius paganellus</i> | 806298 | Nest construction | |
| | Poeciliidae | | Teleostei | |
| | <i>Poecilia latipinna</i> | 806284 | Parental care of eggs | 809079 |
| | Anguillidae | | Teleostei | 809079 |
| | <i>Anguilla anguilla</i> | 806285 | Ion and water relationships | |
| | | 806298 | Biochemistry | |
| | Characidae | | Teleostei | 806284 |
| | <i>Astyanax jordani</i> | 804405 | Poeciliidae | |
| | Salmonidae | | <i>Poecilia latipinna</i> | 806284 |
| | <i>Salmo gairdneri</i> | 806285 | Function | |
| | <i>Salmo salar</i> | 806285 | Teleostei | 806284 |
| | Migrations | | | 806285 |
| | Ultrastructure | | Poeciliidae | |
| | Salmonidae | | <i>Poecilia latipinna</i> | 806284 |
| | <i>Oncorhynchus nerka</i> | 804756 | Anguillidae | |
| | Acid phosphatase | | <i>Anguilla anguilla</i> | 806285 |
| | Ultrastructure | | Salmonidae | |
| | Experimental analysis | | <i>Oncorhynchus</i> | 806285 |
| | Poeciliidae | | <i>Oncorhynchus nerka</i> | 804756 |
| | <i>Poecilia latipinna</i> | 805341 | <i>Salmo salar</i> | 806285 |

| | | Thyroid | Endocrine system (continued) |
|----------------------------------|--------|------------------------------------|---------------------------------|
| Effect on fish | | Anatomy | |
| Gasterosteidae | | Histology | |
| <i>Gasterosteus aculeatus</i> | 803592 | Amphipnoidae | |
| Glomerulus | | <i>Amphipnoides cuchia</i> | 804587 |
| Effect on fish | | Function | |
| Gasterosteidae | | Myxiniomorpha | 809073 |
| <i>Gasterosteus aculeatus</i> | 803592 | Petromyzontomorpha | 809073 |
| Reproduction | | Elasmobranchii | 809073 |
| Function | | Teleostei | 809073 |
| Myxiniomorpha | 806286 | Development | |
| Petromyzontomorpha | 806286 | Petromyzontomorpha | 809073 |
| Elasmobranchii | 806286 | Teleostei | 809073 |
| Teleostei | 806285 | Histology | |
| | 806286 | Ultrastructure | |
| Anguillidae | | Chimaeromorpha | |
| <i>Anguilla anguilla</i> | 806285 | <i>Hydrolagus collicii</i> | 805032 |
| Salmonidae | | Function | |
| <i>Oncorhynchus</i> | 806285 | Petromyzontomorpha | 806303 |
| <i>Salmo salar</i> | 806285 | Experimental analysis | |
| Pituitary blood supply | | Chimaeromorpha | |
| Gobiidae | | <i>Hydrolagus collicii</i> | 805032 |
| <i>Glossogobius giuris</i> | 805417 | Ultrastructure | |
| Nototheniidae | | Dasyatidae | |
| <i>Harpagifer bispinis</i> | 805657 | <i>Dasyatis akajei</i> | 804081 |
| <i>Notothenia cyanobranchia</i> | 805657 | Carcharinidae | |
| Cyprinidae | | <i>Mustelus manazo</i> | 804081 |
| <i>Tor tor</i> | 805417 | Abnormality | |
| Bagridae | 805417 | Poeciliidae | |
| Clariidae | | <i>Xiphophorus maculatus</i> | 806848 |
| <i>Clarias batrachus</i> | 805417 | Experimental analysis | |
| Heteropneustidae | | Cortical hormones | |
| <i>Heteropneustes fossilis</i> | 805417 | Bagridae | |
| Schilbeidae | | <i>Mystus vittatus</i> | 804546 |
| <i>Eutropichthys vacha</i> | 805417 | Estrogens | |
| Sisoridae | | Bagridae | |
| <i>Nannga punctata</i> | 805417 | <i>Mystus vittatus</i> | 804546 |
| Anatomy | | Progestins | |
| Myxiniomorpha | 809070 | Bagridae | |
| Petromyzontomorpha | 809070 | <i>Mystus vittatus</i> | 804546 |
| Chimaeromorpha | 809070 | Androgens | |
| Dipnoi | 809070 | Bagridae | |
| Centropomidae | | <i>Mystus vittatus</i> | 804546 |
| <i>Ambassis ranga</i> | 806705 | Development | |
| Cyprinidae | | Polypteromorpha | |
| <i>Rasbora daniconius</i> | 806700 | <i>Polypterus senegalus</i> | 805353 |
| Ultrastructure | | Descriptive evolution | |
| Acipenseromorpha | 805151 | Myxiniomorpha | 803652 |
| Function | | <i>Myxine glutinosa</i> | 806302 |
| Myxiniomorpha | 806304 | Petromyzontomorpha | 803652 |
| Petromyzontomorpha | 806304 | Elasmobranchii | 803652 |
| Chimaeromorpha | 806304 | Dipnoi | 803652 |
| Elasmobranchii | 809070 | Teleostei | 803652 |
| Dipnoi | 806304 | Metabolic rate | |
| Acipenseromorpha | 806304 | Experimental analysis | |
| Polypteromorpha | 809070 | Cichlidae | |
| Amiomorpha | | <i>Aequidens latifrons</i> | 804936 |
| <i>Amia calva</i> | 809070 | Oxygen consumption | |
| Teleostei | 806304 | Experimental analysis | |
| | 809070 | Cyprinidae | |
| Descriptive evolution | | <i>Carassius auratus</i> | 804147 |
| Myxiniomorpha | 806304 | Intermediary metabolism | |
| Petromyzontomorpha | 806304 | Experimental analysis | |
| Chimaeromorpha | 806304 | Mugiloidae | |
| Elasmobranchii | 806304 | <i>Liza auratus</i> | 805191 |
| Dipnoi | 806304 | Steroid metabolism | |
| Acipenseromorpha | 806304 | Experimental analysis | |
| Polypteromorpha | | Bagridae | |
| <i>Calamoichthys calabaricus</i> | 807192 | <i>Mystus vittatus</i> | 808333 |
| Teleostei | 806304 | Neuroendocrine feedback mechanisms | |
| Histology | | Experimental analysis | |
| Function | | Heteropneustidae | |
| Myxiniomorpha | | <i>Heteropneustes fossilis</i> | 806769 |
| <i>Myxine glutinosa</i> | 805150 | Thyroid stimulating hormone | |
| Descriptive evolution | | Experimental analysis | |
| Dasyatidae | | Teleostei | 806301 |
| <i>Trygon pastinaca</i> | 804764 | Prolactin | |
| Rajidae | | Experimental analysis | |
| <i>Raja clavata</i> | 804764 | Anguillidae | |
| Carcharinidae | | <i>Anguilla</i> | 809072 |
| <i>Mustelus mustelus</i> | 804764 | Embryo physiology | |
| Scyliorhinidae | | Histology | |
| <i>Scyliorhinus stellaris</i> | 804764 | Myxiniomorpha | |
| Acipenseromorpha | | <i>Myxine glutinosa</i> | 805136 |
| <i>Acipenser gueldenstaedti</i> | 804764 | Metamorphosis | |
| <i>Acipenser stellatus</i> | 804764 | Teleostei | 809081 |
| Ultrastructure | | Function | |
| Acipenseromorpha | | Teleostei | 805885 |
| <i>Acipenser gueldenstaedti</i> | 805235 | Rate of growth | |
| <i>Acipenser stellatus</i> | 805235 | Experimental analysis | |
| Development | | Mugiloidae | |
| Myxiniomorpha | | <i>Liza auratus</i> | 805191 |
| <i>Myxine glutinosa</i> | 805136 | | |

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|------------------------------------|---------------------------------|--------|---------------------------------|--------|
| Endocrine system (continued) | Salinity | | Thyrotroph | |
| | Histology | | Anguillidae | |
| | Cichlidae | | <i>Anguilla anguilla</i> | 803812 |
| | <i>Tilapia nilotica</i> | 806358 | | 804541 |
| | Experimental analysis | | Salmonidae | |
| | Acipenseromorpha | | <i>Salmo gairdneri</i> | 803812 |
| | <i>Acipenser gueldenstaedti</i> | 804603 | | 804541 |
| | | 806402 | Thyroid | |
| Young | | | Chimaeromorpha | |
| Acipenseromorpha | | | <i>Hydrolagus coliei</i> | 805032 |
| <i>Acipenser gueldenstaedti</i> | 806402 | | Anguillidae | |
| Seasonal changes | | | <i>Anguilla anguilla</i> | 804763 |
| Cichlidae | | | Adrenal cortex | |
| <i>Tilapia nilotica</i> | 806358 | | Anguillidae | |
| Seasonal changes | | | <i>Anguilla anguilla</i> | 804763 |
| Cyprinidae | | | Liver | |
| <i>Acanthobrama terraesanctae</i> | 804547 | | Acipenseromorpha | |
| Anatomy | | | <i>Acipenser gueldenstaedti</i> | 807703 |
| Agonidae | | | Egg | |
| <i>Agonus cataphractus</i> | 807955 | | Acipenseromorpha | |
| Histology | | | <i>Acipenser gueldenstaedti</i> | 807703 |
| Agonidae | | | Metamorphosis | |
| <i>Agonus cataphractus</i> | 807955 | | Petromyzontomorpha | 809073 |
| Function | | | <i>Petromyzon marinus</i> | 805642 |
| Agonidae | | | Growth | |
| <i>Agonus cataphractus</i> | 807955 | | Teleostei | 809073 |
| Aestivation | | | Rate of growth | |
| Function | | | Cichlidae | |
| Dipnoi | | | <i>Tilapia mossambica</i> | 806704 |
| <i>Protopterus annectens</i> | 806294 | | Salmonidae | |
| Migrations | | | <i>Salmo gairdneri</i> | 807784 |
| Histology | | | Activity patterns | |
| Salmonidae | | | Teleostei | 809079 |
| <i>Oncorhynchus keta</i> | 804119 | | Poeciliidae | |
| Function | | | <i>Poecilia reticulata</i> | 809073 |
| Acipenseromorpha | | | Migrations | |
| <i>Acipenser gueldenstaedti</i> | 806292 | | Teleostei | 809073 |
| Salmonidae | | | | 809079 |
| <i>Salmo salar</i> | 806292 | | Intermediary metabolism | |
| Reproduction | | | Experimental analysis | |
| Function | | | Pleuronectidae | |
| Acipenseromorpha | | | <i>Pleuronectes platessa</i> | 805181 |
| <i>Acipenser gueldenstaedti</i> | 806292 | | Biochemical blood constituents | |
| Salmonidae | | | Biochemistry | |
| <i>Salmo salar</i> | 806292 | | Tetraodontidae | |
| Reserpine | | | <i>Fugu niphobes</i> | 804535 |
| Neuroendocrine feedback mechanisms | | | Anguillidae | |
| Experimental analysis | | | <i>Anguilla japonica</i> | 804535 |
| Cichlidae | | | Cyprinidae | |
| <i>Pterophyllum</i> | 807953 | | <i>Carassius auratus</i> | 804535 |
| Thyroid hormone | | | Bile | |
| Biochemistry | | | Experimental analysis | |
| Development | | | Salmonidae | |
| Pleuronectidae | | | <i>Salvelinus fontinalis</i> | 805165 |
| <i>Pleuronectes platessa</i> | 804323 | | Intermediary metabolism | |
| Experimental analysis | | | Salmonidae | |
| Bagridae | | | <i>Salvelinus fontinalis</i> | 805165 |
| <i>Myxus vittatus</i> | 803761 | | Larva | |
| Effect on fish | | | Biochemistry | |
| Oxygen consumption | | | Petromyzontomorpha | |
| Petromyzontomorpha | 809073 | | <i>Lampetra planeri</i> | 806307 |
| Elasmobranchii | 809073 | | Developmental analysis | |
| Acipenseromorpha | | | Petromyzontomorpha | |
| <i>Acipenser gueldenstaedti</i> | 807703 | | <i>Lampetra planeri</i> | 806307 |
| Teleostei | 809073 | | Descriptive evolution | |
| Cichlidae | | | Petromyzontomorpha | |
| <i>Aequidens latifrons</i> | 804936 | | <i>Lampetra planeri</i> | 806307 |
| <i>Tilapia mossambica</i> | 806704 | | Regeneration | |
| Salmonidae | | | Experimental analysis | |
| <i>Salvelinus fontinalis</i> | 806970 | | Poeciliidae | |
| Body content | | | <i>Poecilia reticulata</i> | 806867 |
| Cichlidae | 806997 | | Anal fin | |
| Intermediary metabolism | | | Poeciliidae | |
| Teleostei | 809073 | | <i>Poecilia reticulata</i> | 806867 |
| Oxidative metabolism | | | Migrations | |
| Squalidae | | | Function | |
| <i>Squalus acanthias</i> | 806949 | | Salmonidae | |
| Ion and water relationships | | | <i>Salmo salar</i> | 803591 |
| Teleostei | 809073 | | Calcium | |
| Coloration | | | Effect on fish | |
| Teleostei | 809073 | | Biochemical blood constituents | |
| Nervous electrophysiology | | | Scyliorhinidae | |
| Teleostei | 809073 | | <i>Scyliorhinus caniculus</i> | 805034 |
| Visual pigments | | | Heterotopic thyroid | |
| Salmonidae | | | Cyprinodontidae | |
| <i>Oncorhynchus nerka</i> | 804272 | | <i>Cynolebias bellotti</i> | 808499 |
| Adenohypophysis | | | Experimental analysis | |
| Myxiniomorpha | | | Pleuronectidae | |
| <i>Myxine glutinosa</i> | 805150 | | <i>Pleuronectes platessa</i> | 804323 |
| Anguillidae | | | Eye | |
| <i>Anguilla anguilla</i> | 804763 | | Abnormality | |
| Characidae | | | Labridae | |
| <i>Astyanax jordani</i> | 804815 | | <i>Coris gaimardi</i> | 803843 |

| | | | Salinity | Endocrine system (continued) |
|--------------------------------|--------|--|--------------------------------|------------------------------|
| Kidney | | | Histology | |
| Function | | | Mugiloidae | |
| Amphipnoidae | | | <i>Mugil cephalus</i> | 809044 |
| <i>Amphipnous cuchia</i> | 806961 | | Experimental analysis | |
| Endostyle | | | Gobiidae | |
| Anatomy | | | <i>Gobius paganellus</i> | 806298 |
| Function | | | Anguillidae | |
| Petromyzontomorpha | 806303 | | <i>Anguilla anguilla</i> | 806298 |
| Ultrastructure | | | | 806299 |
| Function | | | Seasonal changes | |
| Petromyzontomorpha | | | Histology | |
| <i>Lampetra planeri</i> | 805954 | | Mugiloidae | |
| Biochemistry | | | <i>Mugil cephalus</i> | 809044 |
| Ultrastructure | | | Function | |
| Petromyzontomorpha | | | Anguillidae | |
| <i>Lampetra japonica</i> | 804370 | | <i>Anguilla anguilla</i> | 805176 |
| Adrenal cortex | | | Experimental analysis | |
| Anatomy | | | Salmonidae | |
| Function | | | <i>Oncorhynchus nerka</i> | 807530 |
| Myxinomorpha | 809075 | | Captive vs natural fishes | |
| Petromyzontomorpha | 809075 | | Salmonidae | |
| Chimacromorpha | 809075 | | <i>Oncorhynchus nerka</i> | 807530 |
| Elasmobranchii | 809075 | | Migrations | |
| Dipnoi | 809075 | | Histology | |
| Amiomorpha | | | Salmonidae | |
| <i>Amia calva</i> | 809075 | | <i>Oncorhynchus keta</i> | 804119 |
| Teleostei | 809075 | | Reproduction | |
| Histology | | | Function | |
| Function | | | Teleostei | 806111 |
| Petromyzontomorpha | 806303 | | Cortical hormones | |
| Ultrastructure | | | Biochemistry | |
| Biochemistry | | | Developmental analysis | |
| Poeciliidae | | | Myxinomorpha | 806295 |
| <i>Poecilia reticulata</i> | 809035 | | Petromyzontomorpha | 806295 |
| Experimental analysis | | | Elasmobranchii | 806295 |
| Poeciliidae | | | Dipnoi | 806295 |
| <i>Poecilia reticulata</i> | 809035 | | Teleostei | 806295 |
| Biochemistry | | | Descriptive evolution | |
| Function | | | Myxinomorpha | 806295 |
| Rajidae | | | Petromyzontomorpha | 806295 |
| <i>Raja radiata</i> | 806297 | | Elasmobranchii | 806295 |
| Oxidative metabolism | | | Rajidae | |
| Experimental analysis | | | <i>Raja radiata</i> | 806077 |
| Rajidae | | | Dipnoi | 806295 |
| <i>Raja erinacea</i> | 805033 | | Teleostei | 806295 |
| Anguillidae | | | Descriptive evolution | |
| <i>Anguilla rostrata</i> | 804544 | | Myxinomorpha | 803652 |
| Ion and water relationships | | | Petromyzontomorpha | 803652 |
| Function | | | Elasmobranchii | 803652 |
| Teleostei | 806296 | | Dipnoi | 803652 |
| Experimental analysis | | | Teleostei | 803652 |
| Anguillidae | | | Effect on fish | |
| <i>Anguilla rostrata</i> | 804544 | | Biochemistry | |
| Adenohypophysis | | | Myxinomorpha | 809075 |
| Experimental analysis | | | Petromyzontomorpha | 809075 |
| Myxinomorpha | | | Elasmobranchii | 809075 |
| <i>Myxine glutinosa</i> | 805150 | | Teleostei | 809075 |
| Anguillidae | | | Nucleic acids | |
| <i>Anguilla anguilla</i> | 807061 | | Cobitidae | |
| Luteotropic hormone | | | <i>Misgurnus fossilis</i> | 804782 |
| Experimental analysis | | | Carbohydrate metabolism | |
| Heteropneustidae | | | Teleostei | 809075 |
| <i>Heteropneustes fossilis</i> | 806300 | | Nitrogen metabolism | |
| In vitro techniques | | | Teleostei | 809075 |
| Heteropneustidae | | | Ion and water relationships | |
| <i>Heteropneustes fossilis</i> | 806300 | | Myxinomorpha | 809075 |
| Thyroid hormone | | | Petromyzontomorpha | 809075 |
| Experimental analysis | | | Elasmobranchii | 809075 |
| Anguillidae | | | Teleostei | 809075 |
| <i>Anguilla anguilla</i> | 804763 | | Thyroid | |
| Cortical hormones | | | Bagridae | |
| Biochemistry | | | <i>Myxus vittatus</i> | 804546 |
| Anguillidae | | | | 808333 |
| <i>Anguilla anguilla</i> | 805185 | | Liver | |
| Cortisol | | | Ictaluridae | |
| Experimental analysis | | | <i>Ictalurus punctatus</i> | 807081 |
| Anguillidae | | | Ovulation | |
| <i>Anguilla rostrata</i> | 803646 | | Heteropneustidae | |
| Salmonidae | | | <i>Heteropneustes fossilis</i> | 806300 |
| <i>Oncorhynchus nerka</i> | 804549 | | Seminal vesicles | |
| Seminal vesicles | | | Heteropneustidae | |
| Function | | | <i>Heteropneustes fossilis</i> | 805705 |
| Heteropneustidae | | | Embryo physiology | |
| <i>Heteropneustes fossilis</i> | 805704 | | Cobitidae | |
| | 805705 | | <i>Misgurnus fossilis</i> | 804782 |
| Change with age | | | Growth | |
| Histology | | | Teleostei | 809075 |
| Megalopidae | | | Stress reactions | |
| <i>Megalops atlantica</i> | 807576 | | Teleostei | 809075 |
| Biochemistry | | | Adenohypophysis | |
| Megalopidae | | | Myxinomorpha | |
| <i>Megalops atlantica</i> | 807576 | | <i>Myxine glutinosa</i> | 805150 |

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|---------------------------------|------------------------|--------|-------------------------------|--------|
| Endocrine system (continued) | Hydrocortisosterone | | Teleostei | 809083 |
| | Function | | Oryziatidae | |
| | Use as test animal | | <i>Oryzias latipes</i> | 808744 |
| | Rajidae | 807455 | Color change | |
| | <i>Raja</i> | | Soleidae | |
| | Developmental analysis | | <i>Solea solea</i> | 805044 |
| | In vitro techniques | | Axial skeletal muscles | |
| | Rajidae | | Salmonidae | |
| | <i>Raja radiata</i> | 806297 | <i>Salmo gairdneri</i> | 804025 |
| Cortisol | | | Heart musculature | |
| Effect on fish | | | Congridae | |
| Intermediary metabolism | | | <i>Conger conger</i> | 805218 |
| Salmonidae | | | Red muscles | |
| <i>Oncorhynchus nerka</i> | 804542 | | Cyprinidae | |
| Oxidative metabolism | | | <i>Carassius auratus</i> | 803906 |
| Rajidae | | | Gills | |
| <i>Raja erinacea</i> | 805033 | | Salmonidae | |
| Steroid metabolism | | | <i>Salmo gairdneri</i> | 804367 |
| Salmonidae | | | | 806909 |
| <i>Oncorhynchus nerka</i> | 807452 | | Arterial system | |
| Ion and water relationships | | | Salmonidae | |
| Rajidae | | | <i>Salmo gairdneri</i> | 804367 |
| <i>Raja eglanteria</i> | 809031 | | | 806909 |
| Anguillidae | | | Hemodynamics | |
| <i>Anguilla anguilla</i> | 806296 | | Carcharhinidae | |
| | 806299 | | <i>Negaprion brevirostris</i> | 808757 |
| Adenohypophysis | | | Orectolobidae | |
| Cyprinidae | | | <i>Ginglymostoma cirratum</i> | 808757 |
| <i>Carassius auratus</i> | 804210 | | Stomach | |
| Liver | | | Gadidae | |
| Rajidae | | | <i>Gadus morhua</i> | 806631 |
| <i>Raja erinacea</i> | 805033 | | Seasonal changes | |
| Testis | | | Batrachoidiformes | |
| Cyprinodontidae | | | <i>Porichthys notatus</i> | 806906 |
| <i>Fundulus heteroclitus</i> | 806896 | | Intermediary metabolism | |
| Stress reactions | | | Salmonidae | |
| Salmonidae | | | <i>Salmo gairdneri</i> | 803653 |
| <i>Oncorhynchus nerka</i> | 804542 | | Pigment cells | |
| Adenohypophysis | | | Experimental analysis | |
| Experimental analysis | | | Cyprinidae | |
| Anguillidae | | | <i>Phoxinus phoxinus</i> | 803726 |
| <i>Anguilla japonica</i> | 807302 | | Effect on fish | |
| Adrenal cortex | | | Cichlidae | |
| Experimental analysis | | | <i>Pterophyllum eimekei</i> | 803609 |
| Anguillidae | | | Color change | |
| <i>Anguilla rostrata</i> | 804544 | | Experimental analysis | |
| Salinity | | | Cyprinidae | |
| Experimental analysis | | | <i>Phoxinus phoxinus</i> | 803726 |
| Anguillidae | | | Iris and pupil | |
| <i>Anguilla japonica</i> | 807302 | | Function | |
| Seasonal changes | | | Scombridae | |
| Biochemical blood constituents | | | <i>Thunnus</i> | 804450 |
| Salmonidae | 806077 | | Cyprinidae | 804450 |
| Stress reactions | | | Arterial system | |
| Function | | | Effect on fish | |
| Salmonidae | | | Anguillidae | |
| <i>Oncorhynchus kisutch</i> | 804368 | | <i>Anguilla occidentalis</i> | 803719 |
| <i>Salmo gairdneri</i> | 804368 | | Salmonidae | |
| Corticosterone | | | <i>Salmo trutta</i> | 803719 |
| Effect on fish | | | Heart | |
| Ion and water relationships | | | Biochemistry | |
| Rajidae | | | Myxinoidea | 807934 |
| <i>Raja eglanteria</i> | 809031 | | Petromyzontomorphia | 807934 |
| Aldosterone | | | Elasmobranchii | 807934 |
| Biochemistry | | | Teleostei | 807934 |
| Chimaeromorphia | | | Stress reactions | |
| <i>Hydrolagus collicii</i> | | | Experimental analysis | |
| Clupeidae | | | Petromyzontomorphia | |
| <i>Clupea harengus</i> | 806077 | | <i>Petromyzon marinus</i> | 806568 |
| Teleostei | 806077 | | Neuromuscular transmission | |
| Biochemical blood constituents | | | Effect on fish | |
| Experimental analysis | | | Red muscles | |
| Clupeidae | | | Cyprinidae | |
| <i>Clupea harengus</i> | 805188 | | <i>Carassius auratus</i> | 809013 |
| Adrenaline | | | | |
| Effect on fish | | | Noradrenaline | |
| Luminescent organs | | | Effect on fish | |
| Batrachoidiformes | | | Glucose content | |
| <i>Porichthys notatus</i> | 804155 | | Rajidae | |
| Photophores | | | <i>Raja erinacea</i> | 804239 |
| Batrachoidiformes | | | Pigment cells | |
| <i>Porichthys notatus</i> | 806906 | | Teleostei | |
| Water content | | | Oryziatidae | 809083 |
| Salmonidae | | | <i>Oryzias latipes</i> | 808744 |
| <i>Salmo gairdneri</i> | 804025 | | Heart musculature | |
| Glucose content | | | Congridae | |
| Rajidae | | | <i>Conger conger</i> | 805239 |
| <i>Raja erinacea</i> | 804239 | | Red muscles | |
| Carbohydrate metabolism | | | Cyprinidae | |
| Petromyzontomorphia | | | <i>Carassius auratus</i> | 803906 |
| <i>Lampetra fluviatilis</i> | 806306 | | Hemodynamics | |
| Pigment cells | | | Anguillidae | |
| Elasmobranchii | 809083 | | <i>Anguilla anguilla</i> | 805224 |

| Pigment cells Function | | Function | Endocrine system |
|-------------------------------|--------|--------------------------------|------------------|
| Salmonidae | | Descriptive evolution | |
| <i>Salmo gairdneri</i> | 804406 | Myxiniomorpha | (continued) |
| Neurohypophysis | | <i>Myxine glutinosa</i> | 806302 |
| Function | | Petromyzontomorpha | 805153 |
| Gasterosteidae | | Experimental analysis | |
| <i>Gasterosteus aculeatus</i> | 804158 | Cottidae | |
| Arterial system | | <i>Myoxocephalus scorpius</i> | 807963 |
| Effect on fish | | Glucose content | |
| Anguillidae | | Experimental analysis | |
| <i>Anguilla occidentalis</i> | 803719 | Rajidae | |
| Salmonidae | | <i>Raja erinacea</i> | 804239 |
| <i>Salmo trutta</i> | 803719 | Clariidae | |
| Heart | | <i>Clarias batrachus</i> | 805133 |
| Biochemistry | | Batrachoidiformes | |
| Myxiniomorpha | 807934 | <i>Opsanus tau</i> | 805028 |
| Petromyzontomorpha | 807934 | Adenohypophysis | |
| Elasmobranchii | 807934 | Experimental analysis | |
| Teleostei | 807934 | Clariidae | |
| Stress reactions | | <i>Clarias batrachus</i> | 806702 |
| Experimental analysis | | Insulin | |
| Petromyzontomorpha | | Experimental analysis | |
| <i>Petromyzon marinus</i> | 806568 | Clariidae | |
| Neuromuscular transmission | | <i>Clarias batrachus</i> | 805133 |
| Effect on fish | | Larva | |
| Red muscles | | Cytology | |
| Cyprinidae | | Petromyzontomorpha | |
| <i>Carassius auratus</i> | 809013 | <i>Lampetra fluviatilis</i> | 803641 |
| Pancreatic islets | | Function | |
| Anatomy | | Petromyzontomorpha | |
| Histology | | <i>Lampetra fluviatilis</i> | 803642 |
| Myxiniomorpha | 809074 | Insulin | |
| Petromyzontomorpha | 809074 | Developmental analysis | |
| Chimaeromorpha | 809074 | Radioactive tracers | |
| Elasmobranchii | 809074 | Gadidae | |
| Dipnoi | 809074 | <i>Gadus morhua</i> | 804354 |
| Coelacanthini | 809074 | Descriptive evolution | 805153 |
| <i>Latimeria chalumnae</i> | 809074 | Effect on fish | |
| Amiromorpha | | Biochemistry | |
| <i>Amia calva</i> | 809074 | Myxiniomorpha | 809074 |
| Teleostei | 809074 | Petromyzontomorpha | 809074 |
| Function | | Elasmobranchii | 809074 |
| Myxiniomorpha | 809074 | Teleostei | 809074 |
| Petromyzontomorpha | 809074 | Glucose content | |
| Chimaeromorpha | 809074 | Rajidae | |
| Elasmobranchii | 809074 | <i>Raja erinacea</i> | 804239 |
| Amiromorpha | | Scyliorhinidae | |
| <i>Amia calva</i> | 809074 | <i>Scyliorhinus caniculus</i> | 805245 |
| Teleostei | 809074 | Enzymology | |
| Descriptive evolution | | Petromyzontomorpha | |
| Myxiniomorpha | 809074 | <i>Lampetra fluviatilis</i> | 806306 |
| Change with age | | Salmonidae | |
| Petromyzontomorpha | 809074 | <i>Salmo gairdneri</i> | 807544 |
| Teleostei | 809074 | Carbohydrate metabolism | |
| Seasonal changes | | Myxiniomorpha | 809074 |
| Teleostei | 809074 | Petromyzontomorpha | 809074 |
| Histology | | <i>Lampetra fluviatilis</i> | 806306 |
| Dipnoi | | Chimaeromorpha | 809074 |
| <i>Protopterus annectens</i> | 806493 | Elasmobranchii | 809074 |
| Coelacanthini | | Teleostei | 809074 |
| <i>Latimeria chalumnae</i> | 807064 | Pancreatic islets | |
| Cottidae | | Clariidae | |
| <i>Myoxocephalus scorpius</i> | 807963 | <i>Clarias batrachus</i> | 805133 |
| Ultrastructure | | Liver | |
| Petromyzontomorpha | | Petromyzontomorpha | |
| <i>Lampetra planeri</i> | 804041 | <i>Lampetra fluviatilis</i> | 806306 |
| Anguillidae | | Glucagon | |
| <i>Anguilla anguilla</i> | 805391 | Effect on fish | |
| Congridae | | Biochemistry | |
| <i>Conger conger</i> | 805731 | Teleostei | 809074 |
| Muraenidae | | Carbohydrate metabolism | |
| <i>Muraena helena</i> | 805731 | Teleostei | 809074 |
| Function | | Gastrointestinal hormones | |
| Petromyzontomorpha | 806303 | Chimaeromorpha | |
| Development | | <i>Chimaera monstrosa</i> | 806523 |
| Petromyzontomorpha | | Descriptive evolution | 805153 |
| <i>Lampetra planeri</i> | 804041 | Corpuscles of Stannius | |
| Cytology | | Anatomy | |
| Chimaeromorpha | | Histology | |
| <i>Chimaera monstrosa</i> | 805189 | Ultrastructure | |
| Ultrastructure | | Acipenseromorpha | |
| Cichlidae | | <i>Acipenser transmontanus</i> | 805149 |
| <i>Tilapia mossambica</i> | 805183 | Gobiidae | |
| Descriptive evolution | | <i>Gillichthys mirabilis</i> | 805149 |
| Cichlidae | | Cichlidae | |
| <i>Tilapia mossambica</i> | 805183 | <i>Tilapia mossambica</i> | 805149 |
| Biochemistry | | Embiotocidae | 805149 |
| Cottidae | | Serranidae | |
| <i>Myoxocephalus scorpius</i> | 807963 | <i>Morone saxatilis</i> | 805149 |
| Abnormality | | Bothidae | |
| Cottidae | | <i>Citharichthys sordidus</i> | 805149 |
| <i>Myoxocephalus scorpius</i> | 807963 | Pleuronectidae | |
| | | <i>Eopsetta jordani</i> | 805149 |
| | | <i>Platichthys stellatus</i> | 805149 |

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| Endocrine system (continued) | Cottidae | | Experimental analysis | |
| | <i>Artedius notospilotus</i> | 805149 | Anguillidae | |
| | <i>Leptocottus armatus</i> | 805149 | <i>Anguilla anguilla</i> | 806299 |
| | <i>Scorpaenichthys marmoratus</i> | 805149 | Megalopidae | |
| Respiratory system | Hexagrammidae | | <i>Megalops atlantica</i> | 807576 |
| | <i>Hexagrammos decagrammus</i> | 805149 | Seasonal changes | |
| | Scorpaenidae | | Histology | |
| | <i>Sebastes auriculatus</i> | 805149 | Mugiloidae | |
| | Atherinidae | | <i>Mugil cephalus</i> | 809044 |
| | <i>Atherinopsis californiensis</i> | 805149 | Calcium | |
| | Congridae | | Ion and water relationships | |
| | <i>Conger bowersi</i> | 805149 | Experimental analysis | |
| | Muraenidae | | Anguillidae | |
| | <i>Gymnothorax flavimarginatus</i> | 805149 | <i>Anguilla rostrata</i> | 807377 |
| | Cyprinidae | | Biochemical blood constituents | |
| | <i>Carassius auratus</i> | 805149 | Experimental analysis | |
| | Merlucciidae | | Teleostei | 809076 |
| | <i>Merluccius productus</i> | 805149 | Ultimobranchial body | |
| | Salmonidae | 805149 | Anatomy | |
| Function | Acipenseromorpha | | Ultrastructure | |
| | <i>Acipenser transmontanus</i> | 805149 | Squalidae | |
| | Teleostei | 809075 | <i>Squalus acanthias</i> | 809076 |
| | Gobiidae | | Experimental analysis | |
| | <i>Gillichthys mirabilis</i> | 805149 | Teleostei | 809076 |
| | Cichlidae | | Development | |
| | <i>Tilapia mossambica</i> | 805149 | Elasmobranchii | 809076 |
| | Embiotocidae | 805149 | Teleostei | 809076 |
| | Serranidae | | Ultrastructure | |
| | <i>Morone saxatilis</i> | 805149 | Salmonidae | |
| | Bothidae | | <i>Salmo gairdneri</i> | 804082 |
| | <i>Citharichthys sordidus</i> | 805149 | Function | |
| | Pleuronectidae | | Elasmobranchii | 804290 |
| | <i>Eopsetta jordani</i> | 805149 | Teleostei | 804290 |
| | <i>Platichthys stellatus</i> | 805149 | Calcitonin | |
| | Cottidae | | Biochemistry | |
| | <i>Artedius notospilotus</i> | 805149 | Squalidae | |
| | <i>Leptocottus armatus</i> | 805149 | <i>Squalus acanthias</i> | 803964 |
| | <i>Scorpaenichthys marmoratus</i> | 805149 | Salmonidae | |
| | Hexagrammidae | | <i>Oncorhynchus keta</i> | 803964 |
| | <i>Hexagrammos decagrammus</i> | 805149 | Calcitonin | |
| | <i>Ophiodon elongatus</i> | 805149 | Salmonidae | |
| | Scorpaenidae | | <i>Oncorhynchus</i> | 808373 |
| | <i>Sebastes auriculatus</i> | 805149 | Ultrastructure | |
| | Atherinidae | | Salmonidae | |
| | <i>Atherinopsis californiensis</i> | 805149 | <i>Oncorhynchus</i> | 804867 |
| | Congridae | | Descriptive evolution | |
| | <i>Conger bowersi</i> | 805149 | Salmonidae | |
| | Muraenidae | | <i>Oncorhynchus keta</i> | 804115 |
| | <i>Gymnothorax flavimarginatus</i> | 805149 | <i>Oncorhynchus kisutch</i> | 804115 |
| | Cyprinidae | | <i>Oncorhynchus nerka</i> | 804115 |
| | <i>Carassius auratus</i> | 805149 | Biochemistry | |
| | Merlucciidae | | Squalidae | |
| | <i>Merluccius productus</i> | 805149 | <i>Squalus acanthias</i> | 803964 |
| | Salmonidae | 805149 | Salmonidae | |
| | Steroid metabolism | | <i>Oncorhynchus keta</i> | 803964 |
| | Teleostei | 809075 | Effect on fish | |
| Histology | | | Squalidae | |
| Function | | | <i>Squalus acanthias</i> | 809076 |
| Salmonidae | | | Teleostei | 809076 |
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| Ultrastructure | | | Carcharhinidae | |
| Biochemistry | | | <i>Galeorhinus galeus</i> | 803941 |
| Poeciliidae | | | Scyliorhinidae | |
| <i>Poecilia reticulata</i> | 809035 | | <i>Poroderma africanum</i> | 803941 |
| Experimental analysis | | | Gills | |
| Poeciliidae | | | Anatomy | |
| <i>Poecilia reticulata</i> | 809035 | | Gasterosteidae | |
| Steroid metabolism | | | <i>Gasterosteus aculeatus</i> | 803786 |
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| Squalidae | | <i>Oncorhynchus tshawytscha</i> | 806076 | |
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| Cottidae | | <i>Platichthys stellatus</i> | 806076 | |
| <i>Cottus gobio</i> | 805251 | Cottidae | | |
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| Salmonidae | | Biochemistry | | |
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| <i>Platichthys flesus</i> | 803786 | <i>Halichoeres poecilopterus</i> | 804908 | |
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| Abnormality | | Pleuronectidae | | |
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| <i>Cyprinus carpio</i> | 807221 | <i>Atherina tsurugae</i> | 804908 | |
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| | Cyprinidae | 804908 | Homalopteridae | |
| Gills | <i>Notropis</i> | 806803 | <i>Gastromyzon</i> | 805372 |
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| | <i>Lophius americanus</i> | 806803 | <i>Pelteobagrus nudiceps</i> | 805372 |
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| | <i>Salmo gairdneri</i> | 804908 | Plecoglossidae | |
| | Biochemistry | | <i>Plecoglossus altivelis</i> | 805372 |
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| | <i>Cyprinus carpio</i> | 803563 | <i>Callionymus lyra</i> | 807351 |
| | Salmonidae | | Labridae | |
| | <i>Salmo gairdneri</i> | 803563 | <i>Crenilabrus melops</i> | 807351 |
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| | <i>Anguilla anguilla</i> | 804031 | Channichthyidae | |
| Experimental analysis | Gasterosteidae | | <i>Chaenocephalus</i> | 807351 |
| | <i>Gasterosteus aculeatus</i> | 804754 | Carangidae | |
| | Anguillidae | | <i>Caranx crysos</i> | 807351 |
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| | Gasterosteidae | | <i>Cynoscion regalis</i> | 807351 |
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| | Bothidae | | Dipnoi | 806665 807059 |
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| | Developmental analysis | | | Biochemistry | |
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| | <i>Heteropneustes fossilis</i> | 804257 | | Function | |
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| Scombridae | | <i>Cyprinus carpio</i> | 807933 | |
| <i>Euthynnus pelamis</i> | 807823 | Inheritance | | |
| Cottidae | | Polymorphism | | |
| <i>Myoxocephalus scorpius</i> | 807963 | Scorpenidae | | |
| Cyprinidae | | <i>Sebastes marinus</i> | 803875 | |
| <i>Cyprinus carpio</i> | 808951 | <i>Sebastes mentella</i> | 803875 | |
| Larva | | Polymorphism | | |
| Petromyzontomorpha | | Development | | |
| <i>Lampetra planeri</i> | 806306 | Cyprinidae | | |
| Seasonal changes | | <i>Rutilus rutilus</i> | 803876 | |
| Petromyzontomorpha | | Immunological analysis | | |
| <i>Lampetra fluviatilis</i> | 806306 | Clupeidae | | |
| <i>Lampetra planeri</i> | 806306 | <i>Sardina pilchardus</i> | 808199 | |
| Feeding | | Inheritance | | |
| Scombridae | | Elasmobranchii | 806058 | |
| <i>Euthynnus pelamis</i> | 807823 | Acipenseromorpha | 806058 | |
| Nitrogenous content | | Teleostei | 806058 | |
| Chimaeromorpha | 809063 | Cyprinidae | | |
| Elasmobranchii | 809063 | <i>Rutilus rutilus</i> | 803876 | |
| Coselacanthini | | Subzero waters | | |
| <i>Latimeria chalumnae</i> | 809063 | Function | | |
| Acipenseromorpha | 809063 | Nototheniidae | | |
| Teleostei | 809063 | <i>Trematomus</i> | 808762 | |
| Experimental analysis | | Experimental analysis | | |
| Rajidae | | Cyprinodontidae | | |
| <i>Raja eglanteria</i> | 809031 | <i>Fundulus heteroclitus</i> | 805400 | |
| Ion and water relationships | | | 805707 | |
| Experimental analysis | | Carbohydrate content | | |
| Rajidae | | Nototheniidae | | |
| <i>Raja eglanteria</i> | 809031 | Glucose content | | |
| Seasonal changes | | Cyprinodontidae | | |
| Clupeidae | | <i>Fundulus heteroclitus</i> | 805707 | |
| <i>Alosa pseudoharengus</i> | 808028 | Nitrogenous content | | |
| Homeostatic mechanisms | | Nototheniidae | | |
| Experimental analysis | | Temperature | | |
| Cyprinidae | | Cyprinodontidae | | |
| <i>Cyprinus carpio</i> | 808951 | <i>Fundulus heteroclitus</i> | 805400 | |
| Pigments | | Salinity | | |
| Biochemistry | | Experimental analysis | | |
| Salmonidae | | Cyprinodontidae | | |
| <i>Oncorhynchus keta</i> | 805675 | <i>Fundulus heteroclitus</i> | 807037 | |
| Serum transferrin | | Amino acids | | |
| Serum proteins | | Experimental analysis | | |
| Petromyzontomorpha | | Cichlidae | | |
| <i>Petromyzon marinus</i> | 804585 | <i>Tilapia mossambica</i> | 804206 | |
| Serum proteins | | Hydrogen ion concentration | | |
| Enzymology | | Experimental analysis | | |
| Gasterosteidae | | Squalidae | | |
| <i>Gasterosteus aculeatus</i> | 809055 | <i>Squalus acanthias</i> | 806809 | |
| <i>Pungitius sinensis</i> | 809055 | | 806812 | |
| Electrophoresis | | | 808884 | |
| Salmonidae | | Oxygen | | |
| <i>Salmo gairdneri</i> | 808256 | Squalidae | | |
| Immunological analysis | | <i>Squalus acanthias</i> | 808884 | |
| Ictaluridae | | Carbon dioxide | | |
| <i>Ictalurus catus</i> | 808710 | Squalidae | | |
| <i>Ictalurus nebulosus</i> | 808710 | <i>Squalus acanthias</i> | 806809 | |
| Biochemistry | | Viral hemorrhagic septicemia | | |
| Pleuronectidae | | Identification | | |
| <i>Pleuronectes platessa</i> | 805101 | Salmonidae | | |
| Temperature | | <i>Salmo gairdneri</i> | 808254 | |
| Ictaluridae | | Hormone induced reproduction | | |
| <i>Ictalurus catus</i> | 808709 | Experimental analysis | | |
| <i>Ictalurus nebulosus</i> | 808709 | Cyprinidae | | |
| Androgens | | <i>Carassius auratus</i> | 804125 | |
| Biochemistry | | | | |

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|-----------------------------------|---------------------------------|--------|--------------------------------------|----------------------------|--------|
| Circulatory system (continued) | Alkaline phosphatase | | Cyprinidae | | 808484 |
| | Seasonal changes | | <i>Cyprinus carpio</i> | | 808226 |
| | Cyprinidae | | | | 808228 |
| Blood and lymph | <i>Catla catla</i> | 804797 | | | 808433 |
| | <i>Cirrhina mrigala</i> | 804797 | Ariidae | <i>Arius felis</i> | 805138 |
| | <i>Labeo rohita</i> | 804797 | Ictaluridae | <i>Ictalurus punctatus</i> | 805138 |
| | Amino acids | | Salmonidae | <i>Oncorhynchus nerka</i> | 808923 |
| | Change with age | | | Ultrastructure | |
| | Salmonidae | | | Biochemistry | |
| | <i>Oncorhynchus tshawytscha</i> | 806084 | | Petromyzontomorpha | |
| | Calcium | | | <i>Petromyzon marinus</i> | 809012 |
| | Experimental analysis | | Biochemistry | | |
| | Scyliorhinidae | | Acipenseromorpha | | |
| | <i>Scyliorhinus caniculus</i> | 805034 | <i>Acipenser gueldenstaedti</i> | | 804600 |
| | Homeostatic mechanisms | | <i>Acipenser ruthenus</i> | | 804600 |
| | Experimental analysis | | <i>Acipenser stellatus</i> | | 804600 |
| | Myxinoomorpha | 809076 | Cichlidae | | |
| | Petromyzontomorpha | 809076 | <i>Tilapia melanopleura</i> | | 804894 |
| | Elasmobranchii | 809076 | Scorpaenidae | | |
| | Ovarian cycles | | <i>Sebastes aleutianus</i> | | 807915 |
| | Protein content | | <i>Sebastes melanostomus</i> | | 807915 |
| | Anabantidae | | Anostomidae | | |
| | <i>Anabas scandens</i> | 806952 | <i>Leporinus copelandi</i> | | 804894 |
| | Glucose content | | <i>Leporinus octofasciatus</i> | | 804894 |
| | Anabantidae | | <i>Schizodon nasutus</i> | | 804894 |
| | <i>Anabas scandens</i> | 806952 | Characidae | | |
| | Immunoglobulin | | <i>Salminus hilari</i> | | 804894 |
| | Change with age | | <i>Salminus maxillosus</i> | | 804894 |
| | Biochemistry | | Prochilodontidae | | |
| | Oreochromidae | | <i>Prochilodus scrofa</i> | | 804894 |
| | <i>Ginglymostoma cirratum</i> | 808945 | Loricariidae | | |
| | Lactate dehydrogenase | | <i>Plecostomus paulinus</i> | | 804894 |
| | Serranidae | | <i>Plecostomus regani</i> | | 804894 |
| | <i>Picentrarchus labrax</i> | 803619 | Pimelodontidae | | |
| | Scombridae | | <i>Pimelodus clarias</i> | | 804894 |
| | <i>Scomber scombrus</i> | 803619 | Descriptive evolution | | |
| | Pleuronectidae | | Petromyzontomorpha | | |
| | <i>Pleuronectes platessa</i> | 803619 | <i>Lampetra fluviatilis</i> | | 804621 |
| | Gadidae | | Function | | |
| | <i>Gadus morhua</i> | 803619 | Nototheniidae | | 803967 |
| | Methaemalbumin | | Experimental analysis | | |
| | Salmonidae | | Function | | |
| | <i>Oncorhynchus</i> | 804460 | Sparidae | | |
| | Transaminase | | <i>Lagodon rhomboides</i> | | 803900 |
| | Enzymology | | Carbon dioxide | | |
| | Scyliorhinidae | | Salmonidae | | |
| | <i>Scyliorhinus caniculus</i> | 804024 | <i>Salmo gairdneri</i> | | 805982 |
| Hemoglobin | Chimaeromorpha | | Protein specificity | | |
| | <i>Chimaera monstrosa</i> | 805135 | Biochemistry | | |
| | Carcharhinidae | | Gobiidae | | |
| | <i>Carcharhinus leucas</i> | 803628 | <i>Padogobius panizzai</i> | | 807022 |
| | Semionotomorpha | | Cichlidae | | |
| | <i>Lepisosteus oculatus</i> | 803632 | <i>Tilapia leucosticta</i> | | 808974 |
| | Holocentridae | | <i>Tilapia zilli</i> | | 808974 |
| | <i>Holocentrus ascensionis</i> | 807814 | Cyprinodontidae | | |
| | <i>Holocentrus rufus</i> | 807814 | <i>Aphanius fasciatus</i> | | 807022 |
| | Aulostomidae | | Poeciliidae | | |
| | <i>Aulostomus maculatus</i> | 807814 | <i>Gambusia affinis</i> | | 807022 |
| | Branchiostegidae | | Isoenzymes | | |
| | <i>Malacanthus plumieri</i> | 807814 | Petromyzontomorpha | | |
| | Carangidae | | <i>Petromyzon marinus</i> | | 803686 |
| | <i>Caranx ruber</i> | 807814 | Oxygen transport | | |
| | Echeneidae | | Function | | |
| | <i>Echeneis naucrates</i> | 807814 | Scyliorhinidae | | |
| | Gerreidae | | <i>Scyliorhinus caniculus</i> | | 805015 |
| | <i>Eucinostomus argenteus</i> | 807814 | Carbon dioxide transport | | |
| | Lutjanidae | | Function | | |
| | <i>Pomadasysididae</i> | 807814 | Scyliorhinidae | | |
| | Serranidae | | <i>Scyliorhinus caniculus</i> | | 804642 |
| | <i>Sparidae</i> | 807814 | Gas transport by blood | | |
| | <i>Calamus pennatula</i> | 807814 | Experimental analysis | | |
| | <i>Calamus proridens</i> | 807814 | Anguillidae | | |
| | Scombridae | | <i>Anguilla rostrata</i> | | 805209 |
| | <i>Scomberomorus regalis</i> | 807814 | Sexual dimorphism | | |
| | Sphyracnoidae | | Seasonal changes | | |
| | <i>Sphyrna barracuda</i> | 807814 | Scorpaenidae | | |
| | Cottidae | 806257 | <i>Sebastes marmoratus</i> | | 806579 |
| | Balistidae | | Sexually dimorphic blood cell counts | | |
| | <i>Balistes vetula</i> | 807814 | Teleostei | | 805728 |
| | Ostraciidae | | Biochemical sex differences | | |
| | <i>Lactophrys trigonus</i> | 807814 | Age at maturity | | |
| | Belontiidae | | Salmonidae | | |
| | <i>Strongylura notata</i> | 807814 | <i>Oncorhynchus tshawytscha</i> | | 807777 |
| | Clupeidae | | Change with age | | |
| | <i>Opisthonema oglinum</i> | 808181 | Rajidae | | |
| | Muraenidae | | <i>Raja clavata</i> | | 805728 |
| | <i>Gymnothorax moringa</i> | 807814 | Torpedinidae | | |
| | Catostomidae | | <i>Torpedo marmorata</i> | | 805728 |
| | <i>Ictiobus bubalus</i> | 807529 | Scyliorhinidae | | |
| | <i>Ictiobus cyprinellus</i> | 807529 | <i>Scyliorhinus caniculus</i> | | 805728 |
| | | | <i>Scyliorhinus stellaris</i> | | 805728 |

| | | Geographic variation | Circulatory system (continued) |
|--------------------------------|--------|------------------------------------|-----------------------------------|
| Squalidae | | Biochemistry | |
| <i>Squalus acanthias</i> | 805728 | Clupeidae | |
| Acipenseriforma | | <i>Clupea harengus</i> | 805082 |
| <i>Acipenser ruthenus</i> | 805728 | Polymorphism | |
| Bleniidae | | Biochemistry | |
| <i>Blenius tentaculatus</i> | 805728 | Petromyzontomorphia | |
| Gobiidae | | <i>Lampetra fluviatilis</i> | 806517 |
| <i>Gobius paganellus</i> | 805728 | Teleostei | 805895 |
| Labridae | | Gasterosteidae | |
| Mugiloidae | | <i>Gasterosteus aculeatus</i> | 805929 |
| <i>Mugil labeco</i> | 805728 | <i>Pungitius pungitius</i> | 807022 |
| Carangidae | | Gobiidae | 805929 |
| <i>Lichia amia</i> | 805728 | <i>Gobius fluviatilis</i> | 807142 |
| Emmelichthyidae | | Pleuronectidae | |
| <i>Maena macna</i> | 805728 | <i>Platichthys flesus</i> | 805895 |
| Mullidae | | <i>Pleuronectes platessa</i> | 805895 |
| <i>Mullus barbatus</i> | 805728 | Cottidae | 807141 |
| Percidae | | <i>Cottus gobio</i> | 805895 |
| <i>Stizostedion lucioperca</i> | 805728 | Cyprinodontidae | |
| Pomacentridae | | Anguillidae | 808999 |
| <i>Chromis chromis</i> | 805728 | Catostomidae | |
| Sciaenidae | | <i>Catostomus</i> | 807568 |
| <i>Corvina nigrata</i> | 805728 | Cyprinidae | 809022 |
| Sparidae | | <i>Tinca tinca</i> | 804627 |
| Scombridae | | Ictaluridae | |
| <i>Scomber scombrus</i> | 805728 | <i>Ictalurus</i> | 806551 |
| Trachinidae | | Gadidae | 805913 |
| <i>Trachinus draco</i> | 805728 | <i>Gadus morhua</i> | 804937 |
| Uranoscopidae | | Merlucciidae | |
| <i>Uranoscopus scaber</i> | 805728 | <i>Merluccius merluccius</i> | 805913 |
| Bothidae | | Salmonidae | 805895 |
| <i>Lepidorhombus boscii</i> | 805728 | Development | |
| Triglidae | | Salmonidae | 803749 |
| <i>Trigla lyra</i> | 805728 | Protein specificity | |
| Zeidae | | Teleostei | 805895 |
| <i>Zeus faber</i> | 805728 | Pleuronectidae | |
| Anguillidae | | <i>Platichthys flesus</i> | 805895 |
| <i>Anguilla anguilla</i> | 805110 | <i>Pleuronectes platessa</i> | 805895 |
| | 805728 | Cyprinodontidae | 805895 |
| Congridae | | Salmonidae | 805895 |
| <i>Conger conger</i> | 805728 | Inheritance | |
| Cyprinidae | | Myxinomorphia | 806058 |
| <i>Cyprinus carpio</i> | 805728 | Petromyzontomorphia | 806058 |
| Siluridae | | Elasmobranchii | 806058 |
| <i>Silurus glanis</i> | 805728 | Teleostei | 806058 |
| Gadidae | | Population genetics | |
| <i>Trisopterus capellanus</i> | 805728 | Gadidae | 806783 |
| Moridae | | <i>Gadus morhua</i> | |
| <i>Mora moro</i> | 805728 | Geographic variation | |
| Lophiidae | | Catostomidae | 807568 |
| <i>Lophius budegassa</i> | 805728 | <i>Catostomus</i> | |
| Esocidae | | Migrations | |
| <i>Esox lucius</i> | 805728 | Gasterosteidae | |
| Nutrition | | <i>Gasterosteus aculeatus</i> | 805929 |
| Experimental analysis | | Vertical distribution | |
| Salmonidae | | Biochemistry | |
| <i>Oncorhynchus keta</i> | 807681 | Gadidae | 805090 |
| Young | | <i>Gadus morhua</i> | |
| Salmonidae | | Temperature | |
| <i>Oncorhynchus keta</i> | 807681 | Experimental analysis | |
| Captive vs natural fishes | | Cyprinodontidae | 805400 |
| Salmonidae | | <i>Fundulus heteroclitus</i> | |
| <i>Salmo gairdneri</i> | 807827 | Radioactivity | |
| Vitamin requirements | | Experimental analysis | |
| Experimental analysis | | Cobitidae | 807728 |
| Salmonidae | | Seasonal changes | |
| <i>Salvelinus fontinalis</i> | 808863 | Mugiloidae | 809044 |
| Starvation | | Stress reactions | |
| Experimental analysis | | Experimental analysis | |
| Cyprinidae | | Salmonidae | 807457 |
| <i>Cyprinus carpio</i> | 807933 | <i>Salvelinus fontinalis</i> | |
| Population genetics | | Blood collection | |
| Biochemistry | | Salmonidae | 807457 |
| Engraulidae | | <i>Salvelinus fontinalis</i> | |
| <i>Engraulis encrasicolus</i> | 807680 | Biochemical techniques | 806620 |
| Geographic variation | | Teleostei | |
| Engraulidae | | Electrophoresis | |
| <i>Engraulis encrasicolus</i> | 807680 | Biochemistry | |
| Intraspecific variation | | Sciaenidae | |
| Biochemistry | | <i>Pseudotolithus senegalensis</i> | 806748 |
| Cichlidae | | <i>Pseudotolithus typus</i> | 806748 |
| <i>Tilapia leucosticta</i> | 808974 | Vitamin-A | |
| <i>Tilapia zilli</i> | 808974 | Experimental analysis | |
| Scombridae | | Salmonidae | 808851 |
| <i>Euthynnus pelamis</i> | 805002 | <i>Salvelinus fontinalis</i> | |
| <i>Thunnus alalunga</i> | 805002 | | |
| <i>Thunnus albacares</i> | 805002 | | |
| <i>Thunnus obesus</i> | 805002 | | |
| <i>Thunnus thynnus</i> | 805002 | | |
| Polymorphism | | | |
| Scombridae | | | |
| <i>Thunnus alalunga</i> | 805002 | | |
| <i>Thunnus thynnus</i> | 805002 | | |

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|-----------------------------------|----------------------------------|--------|---------------------------------|--------|
| Circulatory system (continued) | Vitamin-E | | Clupeidae | |
| | Experimental analysis | | <i>Clupea harengus</i> | 805261 |
| Immunity | Salmonidae | | Polymorphism | |
| | <i>Salvelinus fontinalis</i> | 808851 | Salmonidae | |
| | Serum transferrin | | <i>Salmo salar</i> | 804748 |
| | Polymorphism | | Biochemistry | |
| | Biochemistry | | Acipenseromorpha | |
| | Petromyzontomorpha | | <i>Acipenser baeri</i> | 806403 |
| | <i>Petromyzon marinus</i> | 804585 | Poeciliidae | |
| | Salmonidae | | <i>Poecilia</i> | 806268 |
| | <i>Salvelinus fontinalis</i> | 806994 | <i>Poecilia mexicana</i> | 806268 |
| | Inheritance | | Clupeidae | |
| | Teleostei | 806058 | <i>Clupea harengus</i> | 805082 |
| | Population genetics | | Inheritance | |
| | Cichlidae | | Petromyzontomorpha | 806058 |
| | <i>Tilapia macrochir</i> | 804358 | Acipenseromorpha | 806058 |
| | <i>Tilapia melanopleura</i> | 804358 | Teleostei | 806058 |
| | Pleuronectidae | | Clupeidae | |
| | <i>Hippoglossus stenolepis</i> | 807497 | <i>Clupea harengus</i> | 805082 |
| | Merlucciidae | | Populations | |
| | <i>Merluccius productus</i> | 807555 | Acipenseromorpha | |
| | Serum esterase | | <i>Acipenser baeri</i> | 806403 |
| | Cottidae | 806257 | Clupeidae | |
| | Polymorphism | | <i>Clupea harengus</i> | 805082 |
| | Biochemistry | | Salinity | |
| | Clupeidae | | Experimental analysis | |
| | <i>Clupea harengus</i> | 805912 | Cyprinodontidae | |
| | <i>Sprattus sprattus</i> | 805912 | <i>Fundulus heteroclitus</i> | 807037 |
| | Inheritance | | Seasonal changes | |
| | Teleostei | 806058 | Biochemistry | |
| | Population genetics | | Scorpenidae | |
| | Cichlidae | | <i>Sebastes marmoratus</i> | 806579 |
| | <i>Tilapia macrochir</i> | 804358 | Biochemical sex differences | |
| | <i>Tilapia melanopleura</i> | 804358 | Scorpenidae | |
| | Percidae | | <i>Sebastes marmoratus</i> | 806579 |
| | <i>Gymnocephalus cernuus</i> | 807510 | Reticuloendothelial system | |
| | Scombridae | | Experimental analysis | |
| | <i>Euthynnus pelamis</i> | 807619 | Petromyzontomorpha | |
| | Catostomidae | | <i>Petromyzon marinus</i> | 803688 |
| | <i>Catostomus clarki</i> | 809022 | Acipenseromorpha | |
| | <i>Catostomus plebius</i> | 809022 | <i>Polyodon spathula</i> | 803688 |
| | Cyprinidae | | Immunological reactions | |
| | <i>Blicca bjoerkna</i> | 807510 | Salmonidae | |
| | Clinal variation | | <i>Salmo gairdneri</i> | 803630 |
| | Catostomidae | | Biochemistry | |
| | <i>Catostomus clarki</i> | 808761 | Dipnoi | |
| | Serum proteins | | <i>Neoceratodus forsteri</i> | 806574 |
| | Carcharhinidae | | Function | |
| | <i>Carcharhinus leucas</i> | 803628 | Descriptive evolution | |
| | Belontiidae | | Myximomorpha | 806606 |
| | <i>Trichogaster trichopterus</i> | 804890 | Petromyzontomorpha | 806606 |
| | Cottidae | 806257 | Elasmobranchii | 806606 |
| | Cyprinidae | | Teleostei | 806606 |
| | <i>Cyprinus carpio</i> | 808433 | Experimental analysis | |
| | Biochemistry | | Petromyzontomorpha | |
| | Development | | <i>Lampetra fluviatilis</i> | 803766 |
| | Chimaeromorpha | | Carcharhinidae | |
| | <i>Chimaera monstrosa</i> | 805135 | <i>Negaprion brevirostris</i> | 803960 |
| | Protein specificity | | | 804202 |
| | Biochemistry | | Orectolobidae | |
| | Cichlidae | | <i>Ginglymostoma cirratum</i> | 804817 |
| | <i>Tilapia leucosticta</i> | 808974 | Squalidae | |
| | <i>Tilapia zilli</i> | 808974 | <i>Squalus acanthias</i> | 806802 |
| | Catostomidae | 809022 | Semionotomorpha | |
| | Immunological analysis | | <i>Lepisosteus platyrhincus</i> | 806669 |
| | Biochemistry | | Cyprinidae | |
| | Acipenseromorpha | | <i>Carassius auratus</i> | 806862 |
| | Salmonidae | 807066 | <i>Nocomis biguttatus</i> | 806862 |
| | <i>Salmo gairdneri</i> | 806843 | <i>Notemigonus crysoleucas</i> | 806862 |
| | <i>Salmo trutta</i> | 806843 | Biochemical blood constituents | |
| | <i>Salvelinus fontinalis</i> | 806843 | Petromyzontomorpha | |
| | Biochemical sex differences | | <i>Petromyzon marinus</i> | 803691 |
| | Age at maturity | | Digenea | |
| | Salmonidae | | Centrarchidae | |
| | <i>Oncorhynchus tshawytscha</i> | 807777 | <i>Lepomis macrochirus</i> | 807628 |
| | Change with age | | Larva | |
| | Immunological analysis | | Petromyzontomorpha | 805482 |
| | Petromyzontomorpha | | Senescence | |
| | <i>Petromyzon marinus</i> | 804585 | Effect on fish | |
| | Intraspecific variation | | Cyprinodontidae | |
| | Biochemistry | | <i>Cynolebias bellotti</i> | 804135 |
| | Cichlidae | | Change with age | |
| | <i>Tilapia leucosticta</i> | 808974 | Biochemistry | |
| | <i>Tilapia zilli</i> | 808974 | Orectolobidae | |
| | Ecotypes | | <i>Ginglymostoma cirratum</i> | 808945 |
| | Salmonidae | | Experimental analysis | |
| | <i>Coregonus lavaretus</i> | 807655 | Poeciliidae | |
| | <i>Salmo salar</i> | 807655 | <i>Xiphophorus helleri</i> | 809047 |
| | Seasonal changes | | Temperature | |
| | Salmonidae | | Lutjanidae | 803689 |
| | <i>Salmo trutta</i> | 807655 | Experimental analysis | |
| | Geographic variation | | Cyprinidae | |
| | Immunological analysis | | <i>Cyprinus carpio</i> | 806113 |

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|----------------------------------|--------|------------------------------------|--------|-----------------------------------|
| Cestoda | | Urophysis | | Circulatory system (continued) |
| Experimental analysis | | Experimental analysis | | |
| Gasterosteidae | | Anguillidae | | |
| <i>Pungitius pungitius</i> | 804458 | <i>Anguilla anguilla</i> | 805223 | |
| Cyprinidae | | Neuroendocrine substances | | |
| <i>Leuciscus leuciscus</i> | 804365 | Experimental analysis | | Digestive system |
| Infectious pancreatic necrosis | | Anguillidae | | |
| Experimental analysis | | <i>Anguilla anguilla</i> | 805163 | |
| Belontiidae | | | 805224 | |
| <i>Trichogaster trichopterus</i> | 804890 | Adrenaline | | |
| Salmonidae | | Experimental analysis | | |
| <i>Salmo gairdneri</i> | 807506 | Carcharinidae | | |
| <i>Salvelinus fontinalis</i> | 807506 | <i>Negaprion brevirostris</i> | 808757 | |
| Bacterial diseases | | Orectolobidae | | |
| Experimental analysis | | <i>Ginglymostoma cirratum</i> | 808757 | |
| Anguillidae | | Anguillidae | | |
| <i>Anguilla japonica</i> | 805491 | <i>Anguilla anguilla</i> | 805163 | |
| Temperature | | Corpuscles of Stannius | | |
| Anguillidae | | Experimental analysis | | |
| <i>Anguilla japonica</i> | 805491 | Anguillidae | | |
| In vitro techniques | | <i>Anguilla anguilla</i> | 806299 | |
| Lutjanidae | 803689 | 809075 | | |
| Immunological analysis | | Venous system | | |
| Scombridae | | Heterodontiformes | | |
| <i>Thunnus thynnus</i> | 805901 | <i>Heterodontus portusjacksoni</i> | 804779 | |
| Cyprinidae | | Heart nerve supply | | |
| <i>Cyprinus carpio</i> | 803693 | Experimental analysis | | |
| LDH isoenzymes | | Squalidae | | |
| Salmonidae | | <i>Squalus acanthias</i> | 806805 | |
| <i>Salmo gairdneri</i> | 805046 | Carbon dioxide | | |
| Corticotroph | | Squalidae | | |
| Prolactin cell | | <i>Squalus acanthias</i> | 806805 | |
| Salmonidae | | Intestine | | |
| <i>Oncorhynchus nerka</i> | 807456 | Experimental analysis | | |
| Biochemical blood constituents | | Squalidae | | |
| Anguillidae | | <i>Squalus acanthias</i> | 806796 | |
| <i>Anguilla anguilla</i> | 804241 | Exercise | | |
| Ictaluridae | 808710 | Experimental analysis | | |
| Polymorphism | | Salmonidae | | |
| Salmonidae | | <i>Salmo gairdneri</i> | 806857 | |
| <i>Oncorhynchus nerka</i> | 806081 | Temperature | | |
| Serum proteins | | Experimental analysis | | |
| Relationships | | Salmonidae | | |
| Clupeidae | 805261 | <i>Salvelinus fontinalis</i> | 803751 | |
| Temperature | | Salinity | | |
| Semionotomorpha | | Experimental analysis | | |
| <i>Lepisosteus platyrhincus</i> | 803692 | Anguillidae | | |
| Infectious pancreatic necrosis | | <i>Anguilla anguilla</i> | 803819 | |
| Salmonidae | 807552 | Surgical techniques | | |
| Immunization techniques | | Teleostei | 806620 | |
| Salmonidae | 806081 | Radioactive tracers | | |
| Prophylactic treatment | | Experimental analysis | | |
| Cyprinidae | | Salmonidae | | |
| <i>Cyprinus carpio</i> | 806113 | <i>Salmo gairdneri</i> | 804446 | |
| Tissue transplantation | | Gas transport by blood | | |
| Radioactivity | | Carcharinidae | | |
| Experimental analysis | | <i>Carcharhinus longimanus</i> | 806664 | |
| Cyprinidae | | Channichthyidae | | |
| <i>Carassius auratus</i> | 806565 | <i>Chaenoccephalus aceratus</i> | 804248 | |
| Allograft reaction | | Coryphaenidae | | |
| Scales | | <i>Coryphaena hippurus</i> | 806664 | |
| Embryo as transplant | | Scombridae | | |
| Experimental analysis | | <i>Thunnus albacares</i> | 806664 | |
| Poeciliidae | | Xiphidae | | |
| <i>Xiphophorus helleri</i> | 809047 | <i>Xiphias gladius</i> | 806664 | |
| Radioactivity | | Temperature | | |
| Experimental analysis | | Experimental analysis | | |
| Cyprinidae | | Ictaluridae | | |
| <i>Carassius auratus</i> | 806565 | <i>Ictalurus nebulosus</i> | 804369 | |
| Immunocytes | | Hydrogen ion concentration | | |
| Salmonidae | | Experimental analysis | | |
| <i>Salmo gairdneri</i> | 803630 | Anguillidae | | |
| Hemodynamics | | <i>Anguilla rostrata</i> | 805209 | |
| Dipnoi | | Oxygen | | |
| <i>Protopterus aethiopicus</i> | 807319 | Experimental analysis | | |
| Acipenseromorpha | 809063 | Ictaluridae | | |
| Amiomorpha | 809063 | <i>Ictalurus nebulosus</i> | 804369 | |
| Semionotomorpha | | Carbon dioxide | | |
| <i>Lepisosteus oculatus</i> | 803632 | Experimental analysis | | |
| Teleostei | 809063 | Salmonidae | | |
| Experimental analysis | | <i>Salmo gairdneri</i> | 805982 | |
| Petromyzontomorpha | | Blood clotting | | |
| <i>Petromyzon marinus</i> | 804461 | Channiformes | | |
| Centrarchidae | | <i>Channa punctatus</i> | 804257 | |
| <i>Lepomis gibbosus</i> | 803826 | Amphipnoideae | | |
| Ictaluridae | | <i>Amphipnoides cuchia</i> | 804257 | |
| <i>Ictalurus nebulosus</i> | 803826 | Clariidae | | |
| Salmonidae | | <i>Clarias batrachus</i> | 804257 | |
| <i>Salmo gairdneri</i> | 804461 | Heteropneustidae | | |
| <i>Salmo trutta</i> | 807345 | <i>Heteropneustes fossilis</i> | 804257 | |
| In vitro techniques | 803826 | Gut | | |
| Anguillidae | | Ichthyoboridae | | |
| <i>Anguilla anguilla</i> | 804401 | <i>Hemistichodus</i> | 808018 | |

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|---------------------------------|-------------------------------------|--------|------------------------------------|--------|
| Digestive system (continued) | <i>Bagridae</i> | | | |
| | <i>Myxus amarus</i> | 804856 | <i>Soleidae</i> | 806235 |
| | <i>Myxus malabaricus</i> | 804856 | <i>Scorpaenidae</i> | |
| | <i>Ophidiidae</i> | 805709 | <i>Sebastiscus marmoratus</i> | 806235 |
| | <i>Allopocephalidae</i> | | <i>Balistidae</i> | |
| | <i>Allopocephalus rostratus</i> | 806350 | <i>Navodon modestus</i> | 806235 |
| Anatomy | | | <i>Tetraodonidae</i> | |
| | <i>Amperseromorphae</i> | | <i>Fugu niphobius</i> | 806235 |
| | <i>Acipenser ruthenus</i> | 808444 | <i>Fugu rubripes</i> | 806235 |
| | <i>Scaphirhynchus platyrhynchus</i> | 807842 | <i>Oryziatidae</i> | |
| | <i>Citharidae</i> | 808763 | <i>Oryzias latipes</i> | 806235 |
| | <i>Pomacentridae</i> | 808763 | <i>Exocoetidae</i> | |
| | <i>Pleuronectidae</i> | | <i>Hemiramphus sajori</i> | 806235 |
| | <i>Saurokristidae</i> | 804137 | <i>Cyprinidae</i> | |
| | <i>Cyprinidae</i> | | <i>Carassius auratus</i> | 806235 |
| | <i>Clinemus reba</i> | 806957 | <i>Cyprinus carpio</i> | 806235 |
| Histology | | | <i>Gnathopogon caeruleus</i> | 806235 |
| | <i>Channidae</i> | | <i>Osmeridae</i> | |
| | <i>Channa marulius</i> | 805650 | <i>Hypomesus olidus</i> | 806235 |
| | <i>Gobiidae</i> | | <i>Plecoglossidae</i> | |
| | <i>Chasmichthys dolichognathus</i> | 806235 | <i>Plecoglossus altivelis</i> | 806235 |
| | <i>Rhinogobius similis</i> | 806235 | <i>Salmonidae</i> | |
| | <i>Tridentiger obscurus</i> | 806235 | <i>Salmo gairdneri</i> | 806235 |
| | <i>Tridentiger trigonocephalus</i> | 806235 | Arterial system | |
| | <i>Mugilidae</i> | | <i>Clariidae</i> | |
| | <i>Mugil dorsalis</i> | 805633 | <i>Clarias batrachus</i> | 805631 |
| | <i>Serranidae</i> | | Venous system | |
| | <i>Lateolabrax japonicus</i> | 806235 | <i>Clariidae</i> | |
| | <i>Sparidae</i> | | <i>Clarias batrachus</i> | 805631 |
| | <i>Acanthopagrus schlegelii</i> | 806235 | Histology | |
| | <i>Pagrus major</i> | 806235 | <i>Pimelodontidae</i> | |
| | <i>Scorpaenidae</i> | | <i>Pimelodus maculatus</i> | 805652 |
| | <i>Scorpaenomus maculatus</i> | 808339 | Function | |
| | <i>Soleidae</i> | 806235 | <i>Salmonidae</i> | 806352 |
| | <i>Comidae</i> | | Lipid and fatty acid content | |
| | <i>Cottus gobio</i> | 805601 | Biochemistry | |
| | <i>Taurulus bubalis</i> | 806601 | <i>Clupeidae</i> | |
| | <i>Scorpaenidae</i> | | <i>Sardinella aurita</i> | 806742 |
| | <i>Sebastiscus marmoratus</i> | 806235 | Seasonal changes | |
| | <i>Balistidae</i> | | <i>Clupeidae</i> | |
| | <i>Navodon modestus</i> | 806235 | <i>Sardinella aurita</i> | 806742 |
| | <i>Tetraodonidae</i> | | Poison content | |
| | <i>Fugu niphobius</i> | 806235 | Biochemistry | |
| | <i>Fugu rubripes</i> | 806235 | <i>Balistidae</i> | |
| | <i>Oryziatidae</i> | | <i>Aluterus scriptus</i> | 805434 |
| | <i>Oryzias latipes</i> | 806235 | DNA content and function | |
| | <i>Exocoetidae</i> | | Migrations | |
| | <i>Hemiramphus sajori</i> | 806235 | <i>Salmonidae</i> | |
| | <i>Clupeidae</i> | | <i>Oncorhynchus gorbusha</i> | 807654 |
| | <i>Dorosoma cepedianum</i> | 805356 | RNA content and function | |
| | <i>Dorosoma petenense</i> | 805356 | Migrations | |
| | <i>Cyprinidae</i> | | <i>Salmonidae</i> | |
| | <i>Carassius auratus</i> | 806235 | <i>Oncorhynchus gorbusha</i> | 807654 |
| | <i>Cyprinus carpio</i> | 806235 | Innervation | |
| | <i>Gatta malyi</i> | 806747 | Histology | |
| | <i>Gnathopogon caeruleus</i> | 806235 | | |
| | <i>Varicorhinus alpinus</i> | 807494 | <i>Percidae</i> | |
| | <i>Osmeridae</i> | | <i>Stizostedion lucioperca</i> | 807009 |
| | <i>Hypomesus olidus</i> | 806235 | <i>Cyprinidae</i> | |
| | <i>Plecoglossidae</i> | | <i>Cyprinus carpio</i> | 807009 |
| | <i>Plecoglossus altivelis</i> | 806235 | <i>Esocidae</i> | |
| | <i>Salmonidae</i> | | <i>Esox lucius</i> | 807009 |
| | <i>Salmo gairdneri</i> | 806235 | <i>Salmonidae</i> | |
| | <i>Salmo trutta</i> | 806235 | <i>Salmo trutta</i> | 807009 |
| Function | | | Cell division | |
| | <i>Channidae</i> | | <i>Percidae</i> | |
| | <i>Channa punctatus</i> | 806708 | <i>Stizostedion lucioperca</i> | 807009 |
| | <i>Acanthopagrus</i> | 805679 | <i>Cyprinidae</i> | |
| | <i>Comidae</i> | | <i>Cyprinus carpio</i> | 807009 |
| | <i>Cottus gobio</i> | 805601 | <i>Esocidae</i> | |
| | <i>Taurulus bubalis</i> | 806601 | <i>Esox lucius</i> | 807009 |
| | <i>Clupeidae</i> | | <i>Salmonidae</i> | |
| | <i>Dorosoma cepedianum</i> | 805356 | <i>Salmo trutta</i> | 807009 |
| | <i>Dorosoma petenense</i> | 805356 | Autonomic nervous system | |
| | <i>Cyprinidae</i> | | <i>Myxiniomorphae</i> | 807934 |
| | <i>Bairdichthys chalyboides</i> | 806708 | <i>Petromyzontomorphae</i> | 807934 |
| | <i>Bairdichthys nasutus</i> | 806708 | <i>Exomobranchii</i> | 807934 |
| | <i>Gatta malyi</i> | 806747 | <i>Teleostei</i> | 807934 |
| | <i>Salmo gairdneri</i> | 806708 | Thyroid hormone | |
| | <i>Varicorhinus alpinus</i> | 807494 | Experimental analysis | |
| | <i>Bairdichthys</i> | | <i>Salmonidae</i> | |
| | <i>Myxus soehngii</i> | 806708 | <i>Salmo salar</i> | 803591 |
| | <i>Neoptentidae</i> | | Larva | |
| | <i>Neoptentus neoptentus</i> | 806708 | Anatomy | |
| Development | | | Function | |
| | <i>Gobiidae</i> | | <i>Petromyzontomorphae</i> | |
| | <i>Chasmichthys dolichognathus</i> | 806235 | <i>Mordacia mordax</i> | 804518 |
| | <i>Rhinogobius similis</i> | 806235 | Development | |
| | <i>Tridentiger obscurus</i> | 806235 | <i>Gobiidae</i> | |
| | <i>Tridentiger trigonocephalus</i> | 806235 | <i>Rhinogobius similis</i> | 806230 |
| | <i>Serranidae</i> | | <i>Tridentiger obscurus</i> | 806230 |
| | <i>Lateolabrax japonicus</i> | 806235 | <i>Tridentiger trigonocephalus</i> | 806230 |
| | <i>Sparidae</i> | | <i>Serranidae</i> | |
| | <i>Acanthopagrus schlegelii</i> | 806235 | <i>Lateolabrax japonicus</i> | 806230 |
| | <i>Pagrus major</i> | 806235 | | |

| Sparidae | | Larva | | Digestive system (continued) | |
|------------------------------------|--------|----------------------------------|--------|---------------------------------|--|
| <i>Acanthopagrus schlegelii</i> | 806230 | Clupeidae | | | |
| <i>Pagrus major</i> | 806230 | <i>Sardinella aurita</i> | 806351 | | |
| Soleidae | 806230 | Epibranchial organ | | | |
| Scorpaenidae | | Ostariophysi | 807021 | | |
| <i>Sebastes marmoratus</i> | 806230 | Characidae | 807021 | | |
| Balistidae | | Alepocephaloidei | | | |
| <i>Navodon modestus</i> | 806230 | <i>Alepocephalus rostratus</i> | 806350 | | |
| Tetraodontidae | | Anatomy | | | |
| <i>Fugu niphobles</i> | 806230 | Scaridae | 805463 | | |
| <i>Fugu rubripes</i> | 806230 | Stromateoidei | 805463 | | |
| Oryziatidae | | Clupeidae | 807591 | | |
| <i>Oryzias latipes</i> | 806230 | <i>Sardinella</i> | 805463 | | |
| Exocoetidae | | Histology | | | |
| <i>Hemiramphus sajori</i> | 806230 | Function | | | |
| Clupeidae | | Teleostei | 806351 | | |
| <i>Sardina pilchardus</i> | 804529 | Clupeidae | 805463 | | |
| Cyprinidae | | <i>Dorosoma cepedianum</i> | 805356 | | |
| <i>Carassius auratus</i> | 806230 | <i>Dorosoma petenense</i> | 805356 | | |
| <i>Gnathopogon caerulescens</i> | 806230 | Engraulidae | | | |
| Osmetidae | | <i>Anchoa</i> | 805463 | | |
| <i>Hypomesus olidus</i> | 806230 | <i>Cetengraulis mysticetus</i> | 805463 | | |
| Plecoglossidae | | <i>Engraulis guineensis</i> | 805463 | | |
| <i>Plecoglossus altivelis</i> | 806230 | Characidae | | | |
| Salmonidae | | <i>Alestes nurse</i> | 805463 | | |
| <i>Salmo gairdneri</i> | 806230 | Citharinidae | | | |
| Change with age | | <i>Citharus citharus</i> | 805463 | | |
| Anatomy | | <i>Xenocharax</i> | 805463 | | |
| Engraulidae | | Curimatidae | | | |
| <i>Engraulis japonicus</i> | 806761 | <i>Caenotropus</i> | 805463 | | |
| Allometry | | <i>Curimata</i> | 805463 | | |
| Anatomy | | Distichodontidae | | | |
| Cyprinidae | | <i>Distichodus</i> | 805463 | | |
| <i>Phoxinus erythrogaster</i> | 804435 | <i>Nannocharax ansorgei</i> | 805463 | | |
| Virus diseases | | Hemiodontidae | | | |
| Abnormality | | <i>Hemiodus</i> | 805463 | | |
| Salmonidae | | Prochilodontidae | | | |
| <i>Oncorhynchus nerka</i> | 807882 | <i>Prochilodus vimbooides</i> | 805463 | | |
| Insecticide pollutants | | Osteoglossidae | | | |
| Salmonidae | | <i>Arapaima gigas</i> | 805463 | | |
| <i>Salmo salar</i> | 807341 | <i>Clupeusidus niloticus</i> | 805463 | | |
| Mast cells | | Chanidae | | | |
| Biochemistry | | <i>Chanos chanos</i> | 805463 | | |
| Teleostei | 809016 | Gonorynchidae | | | |
| Buccal cavity | | <i>Gonorynchus gonorynchus</i> | 805463 | | |
| Anatomy | | Phractolaemidae | | | |
| Function | | <i>Phractolaemus ansorgei</i> | 805463 | | |
| Cobitidae | 806965 | Salmonidae | | | |
| <i>Noemacheilus punjabensis</i> | 806965 | <i>Coregonus lavaretus</i> | 804195 | | |
| Cyprinidae | | <i>Thymallus arcticus</i> | 805463 | | |
| Sisoridae | | Descriptive evolution | | | |
| <i>Glyptosternon kashmiriensis</i> | 806965 | Teleostei | 806351 | | |
| Pharynx and esophagus | | Clupeidae | 805463 | | |
| Anatomy | | | 806351 | | |
| Histology | | Engraulidae | | | |
| Channiformes | | <i>Anchoa</i> | 805463 | | |
| <i>Channa striatus</i> | 805871 | <i>Cetengraulis mysticetus</i> | 805463 | | |
| Gobiidae | | <i>Engraulis guineensis</i> | 805463 | | |
| <i>Periophthalmus vulgaris</i> | 805043 | Characidae | | | |
| Clupeidae | | <i>Alestes nurse</i> | 805463 | | |
| <i>Dorosoma cepedianum</i> | 805356 | Citharinidae | | | |
| <i>Dorosoma petenense</i> | 805356 | <i>Citharus citharus</i> | 805463 | | |
| <i>Ilisha filigera</i> | 805871 | <i>Nannaethiops unitaeniatus</i> | 805463 | | |
| Muraenesocidae | | <i>Xenocharax</i> | 805463 | | |
| <i>Muraenesox talabon</i> | 805871 | Curimatidae | | | |
| Cyprinidae | | <i>Caenotropus</i> | 805463 | | |
| <i>Barbus tor</i> | 805871 | <i>Curimata</i> | 805463 | | |
| Harpadontidae | | Distichodontidae | | | |
| <i>Harpadon nehereus</i> | 805871 | <i>Distichodus</i> | 805463 | | |
| Function | | <i>Nannocharax ansorgei</i> | 805463 | | |
| Channiformes | | Hemiodontidae | | | |
| <i>Channa striatus</i> | 805871 | <i>Hemiodus</i> | 805463 | | |
| Clupeidae | | Prochilodontidae | | | |
| <i>Dorosoma cepedianum</i> | 805356 | <i>Prochilodus vimbooides</i> | 805463 | | |
| <i>Dorosoma petenense</i> | 805356 | Osteoglossidae | | | |
| <i>Ilisha filigera</i> | 805871 | <i>Arapaima gigas</i> | 805463 | | |
| Muraenesocidae | | <i>Clupeusidus niloticus</i> | 805463 | | |
| <i>Muraenesox talabon</i> | 805871 | Chanidae | | | |
| Cobitidae | | <i>Chanos chanos</i> | 805463 | | |
| <i>Noemacheilus punjabensis</i> | 806965 | Gonorynchidae | | | |
| Cyprinidae | 806965 | <i>Gonorynchus gonorynchus</i> | 805463 | | |
| <i>Barbus tor</i> | 805871 | Phractolaemidae | | | |
| Sisoridae | | <i>Phractolaemus ansorgei</i> | 805463 | | |
| <i>Glyptosternon kashmiriensis</i> | 806965 | Salmonidae | | | |
| Harpadontidae | | <i>Coregonus lavaretus</i> | 805463 | | |
| <i>Harpadon nehereus</i> | 805871 | <i>Thymallus arcticus</i> | 805463 | | |
| Ultrastructure | | Development | | | |
| Esocidae | | Citharinidae | | | |
| <i>Esox lucius</i> | 804646 | <i>Citharus citharus</i> | 805463 | | |
| | 805012 | Descriptive evolution | | | |
| Mucus glands | | Clupeidae | 807591 | | |
| Ultrastructure | | | | | |
| Esocidae | | | | | |
| <i>Esox lucius</i> | 805734 | | | | |

**Digestive system
(continued)**

Oral teeth

| | |
|---------------------------------------|--------|
| Petalodontomorpha | |
| <i>Janassa bituminosa</i> | 808936 |
| Hybodontomorpha | 807109 |
| Myliobatidae | 808370 |
| Alopiidae | |
| <i>Alopias</i> | 808370 |
| Carcharhinidae | 808370 |
| Isuridae | 804654 |
| | 808370 |
| <i>Squalicorax</i> | 808370 |
| Odontaspidae | 803839 |
| | 804654 |
| | 808370 |
| Sphyrnidae | |
| <i>Cestracion priscus</i> | 808370 |
| Hexanchiformes | |
| <i>Hexanchus vitulus</i> | 803737 |
| <i>Notidanus primigenius</i> | 804654 |
| | 808370 |
| Squalidae | |
| <i>Somniosus microcephalus</i> | 807348 |
| Squatinae | |
| <i>Squatina subserata</i> | 808370 |
| Xenacanthomorpha | |
| <i>Expleuracanthus</i> | 805866 |
| Dipnoi | |
| <i>Conchopoma edesi</i> | 806436 |
| Labridae | |
| <i>Labrodon pavementatus</i> | 808370 |
| <i>Symphodus melanocercus</i> | 803931 |
| <i>Symphodus ocellatus</i> | 803931 |
| Carangidae | |
| <i>Elagatis bipinnulata</i> | 807611 |
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| <i>Haplochromis</i> | 806349 |
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| | <i>Anguilla japonica</i> | 806584 | <i>Osmerus eperlanus</i> | 806352 |
| | Cyprinidae | | Salmonidae | |
| | <i>Cyprinus carpio</i> | 806584 | <i>Salmo salar</i> | 806352 |
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| Squalidae | | | <i>Osmerus eperlanus</i> | 806352 |
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| | 808507 | | Water content | |
| Experimental analysis | | | Biochemistry | |
| Salmonidae | | | Salmonidae | |
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| Temperature | | | Biochemistry | |
| Experimental analysis | | | Cyprinidae | |
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| Algae | | | Salmonidae | |
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| Experimental analysis | | | Cyprinidae | |
| Scombridae | | | <i>Carassius auratus</i> | 806055 |
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| Surgical techniques | | | Experimental analysis | |
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| Cichlidae | | | <i>Mystus gulio</i> | 808930 |
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| | Petromyzontomorpha | | <i>Taurulus bubalis</i> | 803619 |
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| | Abnormality | | <i>Torpedo californica</i> | 806203 |
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| | <i>Salmo gairdneri</i> | 807489 | Salmonidae | |
| | Pancreatic enzymes | | <i>Oncorhynchus kisutch</i> | 803539 |
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| | <i>Squalus acanthias</i> | 803622 | Biochemistry | |
| | Biochemistry | | Percidae | |
| | Chimaeromorpha | | <i>Perca fluviatilis</i> | 808223 |
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| | Cottidae | | Cyprinidae | |
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| | <i>Scomber scombrus</i> | 803619 | Experimental analysis | |
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| | Soledidae | 803619 | <i>Salvelinus fontinalis</i> | 808846 |

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| <i>Leiognathus splendens</i> | 804282 | | Seasonal changes | | | |
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| <i>Salmo trutta</i> | 805714 | | <i>Oncorhynchus gorbusha</i> | 807654 | | |
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| <i>Cetorhinus maximus</i> | 807331 | | Cyprinidae | | | |
| Scyliorhinidae | | | <i>Carassius auratus</i> | 804957 | | |
| <i>Scyliorhinus caniculus</i> | 807331 | | Salmonidae | | | |
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| Salmonidae | | | Experimental analysis | | | |
| <i>Oncorhynchus nerka</i> | 808946 | | Cyprinidae | | | |
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| Cyprinidae | | | <i>Ictalurus punctatus</i> | 807081 | | |
| <i>Abramis brama</i> | 805658 | | Starvation | | | |
| Biochemistry | | | Cyprinidae | | | |
| Anabantidae | | | <i>Cyprinus carpio</i> | 805240 | | |
| <i>Anabas scandens</i> | 806696 | | Seasonal changes | | | |
| Cyprinidae | | | Salmonidae | | | |
| <i>Abramis brama</i> | 805658 | | <i>Oncorhynchus nerka</i> | 805939 | | |
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| <i>Anabas scandens</i> | 806696 | | <i>Oncorhynchus gorbusha</i> | 807654 | | |
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| <i>Abramis brama</i> | 805658 | | Enzymology | | | |
| Glucose content | | | Biochemistry | | | |
| Experimental analysis | | | Carcharhinidae | | | |
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| Glycogen content | | | <i>Seriola quinqueradiata</i> | 805508 | | |
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| <i>Opsanus tau</i> | 803755 | | Ultrastructure | | | |
| Salmonidae | | | Prochilodontidae | | | |
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| Biochemistry | | | Centrarchidae | | | |
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| <i>Limanda aspera</i> | 807280 | | Prochilodontidae | | | |
| Salmonidae | | | <i>Prochilodus argenteus</i> | 805812 | | |
| <i>Oncorhynchus nerka</i> | 805939 | | | | | |
| | 805940 | | LDH isoenzymes | | | |
| Experimental analysis | | | Biochemistry | | | |
| Cyprinidae | | | Gadidae | | | |
| <i>Cyprinus carpio</i> | 805240 | | <i>Gadus morhua</i> | 804449 | | |
| Ictaluridae | | | Merlucciidae | | | |
| <i>Ictalurus punctatus</i> | 807081 | | <i>Merluccius productus</i> | 805262 | | |

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| | Biochemistry | | | | Prochilodontidae | | |
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| | <i>Mugil</i> | 808146 | | | Cyprinidae | | |
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| | <i>Mugil</i> | 808146 | | | <i>Pimelodus maculatus</i> | | 805651 |
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| | <i>Squalus acanthias</i> | 806949 | | | Thyroid hormone | | |
| | Thyroid hormone | | | | Biochemistry | | |
| | Squalidae | | | | Acipenseromorpha | | |
| | <i>Squalus acanthias</i> | 806949 | | | <i>Acipenser gueldenstaedti</i> | | 807703 |
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| | Enzymology | | | | Acipenseromorpha | | |
| | Cyprinidae | | | | <i>Acipenser gueldenstaedti</i> | | 807703 |
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| | Biochemistry | | | | <i>Salmo salar</i> | | 803591 |
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| | <i>Scaphirhynchus platyrhynchus</i> | 803753 | | | <i>Anguilla japonica</i> | | 805501 |
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| | <i>Lepisosteus platostomus</i> | 803753 | | | Experimental analysis | | |
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| | <i>Pomoxis annularis</i> | 804028 | | | Biochemistry | | |
| | Mullidae | | | | Petromyzontomorpha | | |
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| | <i>Perca fluviatilis</i> | 803754 | | | Ultrastructure | | |
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| | <i>Aplodinotus grunniens</i> | 803753 | | | RNA content and function | | |
| | | 804028 | | | Salmonidae | | |
| | Serranidae | | | | <i>Oncorhynchus gorbuscha</i> | | 805393 |
| | <i>Morone chrysops</i> | 803753 | | | <i>Salvelinus leucomaenis</i> | | 805393 |
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| | Soleidae | | | | Biochemistry | | |
| | <i>Solea solea</i> | 803754 | | | Cichlidae | | |
| | Clupeidae | | | | <i>Tilapia mossambica</i> | | 803723 |
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| | <i>Dorosoma cepedianum</i> | 803753 | | | Clariidae | | |
| | Anguillidae | | | | <i>Clarias batrachus</i> | | 806692 |
| | <i>Anguilla anguilla</i> | 803754 | | | Temperature | | |
| | Catostomidae | | | | Biochemistry | | |
| | | 803753 | | | Dipnoi | | |
| | Cyprinidae | | | | <i>Lepidosiren paradoxa</i> | | 803973 |
| | <i>Cyprinus carpio</i> | 803753 | | | Salmonidae | | |
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| | <i>Esox lucius</i> | 803754 | | | <i>Scorpaena porcus</i> | | 807722 |
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| | Experimental analysis | | | | <i>Wallagonia attu</i> | | 804393 |
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| Agonidae | | Enzymology | | (continued) |
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| Biochemistry | | <i>Oncorhynchus gorbuscha</i> | 808767 | |
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| <i>Torpedo nobiliana</i> | 805404 | Biochemistry | | |
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| <i>Squatina squatina</i> | 805404 | Cyprinidae | | |
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| Salmonidae | | Enzymology | | |
| <i>Oncorhynchus keta</i> | 804119 | Biochemistry | | |
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| Salmonidae | | <i>Salmo gairdneri</i> | 805495 | |
| <i>Oncorhynchus gorbuscha</i> | 804730 | | 805496 | |
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| Artificial selection | | Biochemistry | | |
| Salmonidae | | Salmonidae | | |
| <i>Salmo gairdneri</i> | 808237 | <i>Salmo gairdneri</i> | 805506 | |
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| Abnormality | | Enzymology | | |
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| Petromyzontomorpha | | <i>Squalus acanthias</i> | 808942 | |
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| | <i>Esox lucius</i> | 803785 | Scorpaenidae | |
| | | 805730 | <i>Sebastes auriculatus</i> | 805149 |
| | Biochemistry | | Atherinidae | |
| | Teleostei | 809064 | <i>Atherinopsis californiensis</i> | 805149 |
| | Descriptive evolution | | Congridae | |
| | Elasmobranchii | 809064 | <i>Conger bowersi</i> | 805149 |
| | Teleostei | 809064 | Muraenidae | |
| | | | <i>Gymnothorax flavimarginatus</i> | 805149 |

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|------------------------------------|--------|--|--------------------------------|--------|---------------------|
| Cyprinidae | | | Engraulidae | | Excretory system |
| <i>Carassius auratus</i> | 805149 | | <i>Engraulis japonicus</i> | 807220 | (continued) |
| Merlucciidae | | | Cyprinidae | | |
| <i>Merluccius productus</i> | 805149 | | <i>Schizothorax argenteus</i> | 807220 | |
| Salmonidae | 805149 | | Merlucciidae | | Reproductive system |
| Ultrastructure | | | <i>Merluccius</i> | 807220 | |
| Pleuronectidae | | | Osmeridae | | |
| <i>Parophrys vetulus</i> | 803620 | | <i>Hypomesus olidus</i> | 807220 | |
| Cyprinidae | | | <i>Hypomesus pretiosus</i> | 807220 | |
| <i>Carassius auratus</i> | 803620 | | Abdominal pores | | |
| Function | | | Histology | | |
| Pleuronectidae | | | Experimental analysis | | |
| <i>Parophrys vetulus</i> | 803620 | | Squalidae | | |
| Cyprinidae | | | <i>Squalus acanthias</i> | 806790 | |
| <i>Carassius auratus</i> | 803620 | | Mesentery | | |
| Salinity | | | Lipid and fatty acid content | | |
| Histology | | | Seasonal changes | | |
| Anguillidae | | | Argentinidae | | |
| <i>Anguilla anguilla</i> | 805390 | | <i>Argentina sphyraena</i> | 803868 | |
| Experimental analysis | | | Fat body | | |
| Anguillidae | | | Coelacanthini | | |
| <i>Anguilla anguilla</i> | 805390 | | <i>Latimeria chalumnae</i> | 807064 | |
| Renin | | | Reproductive system | | |
| Function | | | Anatomy | | |
| Descriptive evolution | | | Cyprinidae | | |
| Myxinoomorpha | 808150 | | <i>Cirrhina reba</i> | 806711 | |
| Petromyzontomorpha | 808150 | | Ovary | | |
| Elasmobranchii | 808150 | | Histology | | |
| Teleostei | 808150 | | Scyliorhinidae | | |
| Corpuscles of Stannius | | | <i>Scyliorhinus caniculus</i> | 805392 | |
| Function | | | Ovary | | |
| Teleostei | 809075 | | Anatomy | | |
| Bladder | | | Gobiidae | | |
| Anatomy | | | <i>Thorogobius ephippiatus</i> | 805403 | |
| Histology | | | Pimelodontidae | | |
| Cyprinidae | | | <i>Pimelodella griffini</i> | 804055 | |
| <i>Crossocheilus latius</i> | 806707 | | Galaxioidae | 807632 | |
| <i>Cyprinus carpio</i> | 806707 | | Salmonoidae | 807632 | |
| Sisoridae | | | Histology | | |
| <i>Glyptothorax kashmirensis</i> | 806707 | | Ophiidae | | |
| Ion and water relationships | | | <i>Barachronus bicolor</i> | 805709 | |
| Function | | | Function | | |
| Batrachoidiformes | | | Myxinoomorpha | 809078 | |
| <i>Opsanus tau</i> | 804611 | | Petromyzontomorpha | 809078 | |
| Innervation | | | Elasmobranchii | 809078 | |
| Autonomic nervous system | | | Teleostei | 809078 | |
| Teleostei | 807934 | | Poeciliidae | | |
| Urophysis | | | <i>Xiphophorus</i> | 805909 | |
| In vitro techniques | | | Development | | |
| Salmonidae | | | Elasmobranchii | 809078 | |
| <i>Salmo gairdneri</i> | 808764 | | Teleostei | 809078 | |
| Cloaca | | | Poeciliidae | | |
| Anatomy | | | <i>Xiphophorus</i> | 805909 | |
| Cyprinidae | | | Histology | | |
| <i>Cirrhina reba</i> | 806711 | | Clupeidae | | |
| Hemodynamics | | | <i>Sardinella aurita</i> | 808017 | |
| Function | | | <i>Sardinella cba</i> | 808017 | |
| Heterodontiformes | | | Esocidae | | |
| <i>Heterodontus portusjacksoni</i> | 804779 | | <i>Esox lucius</i> | 805970 | |
| Urine | | | Development | | |
| Biochemistry | | | Clupeidae | | |
| Elasmobranchii | 809064 | | <i>Brevortia patronus</i> | 807016 | |
| Teleostei | 809064 | | Cytology | | |
| Ion and water relationships | | | Tissue culture techniques | | |
| Experimental analysis | | | Gobiidae | | |
| Carangidae | | | <i>Gobius melanostomus</i> | 806422 | |
| <i>Trachurus mediterraneus</i> | 807699 | | Lipid and fatty acid content | | |
| Scorpaenidae | | | Gadidae | | |
| <i>Scorpaena porcus</i> | 807699 | | <i>Eleginus navaga</i> | 803874 | |
| Oxygen deficiencies in habitat | | | <i>Gadus morhua</i> | 803874 | |
| Biochemistry | | | Abnormality | | |
| Salmonidae | | | Mastacembelidae | | |
| <i>Salmo gairdneri</i> | 807776 | | <i>Mastacembelus armatus</i> | 806379 | |
| Experimental analysis | | | Gerreidae | | |
| Salmonidae | | | <i>Gerres oyena</i> | 804287 | |
| <i>Salmo gairdneri</i> | 807776 | | Function | | |
| Coelom | | | Mugiloidae | | |
| Chimaeromorpha | | | <i>Mugil capito</i> | 803640 | |
| <i>Callorhynchus australis</i> | 804300 | | Development | | |
| Anatomy | | | Salmonidae | | |
| Descriptive evolution | | | <i>Oncorhynchus</i> | 806309 | |
| Function | | | <i>Salmo salar</i> | 806309 | |
| Descriptive evolution | 805207 | | Developmental analysis | | |
| Descriptive evolution | 804716 | | Teleostei | 809080 | |
| Coloration | | | Descriptive evolution | | |
| Distribution | | | Galaxioidae | 807632 | |
| Bothidae | | | Salmonoidae | 807632 | |
| <i>Paralichthys coreanikus</i> | 807220 | | Effect on fish | | |
| Pleuronectidae | 807220 | | Adenohypophysis | | |
| Exocoetidae | | | Salmonidae | | |
| <i>Hyperhamphus sajori</i> | 807220 | | <i>Oncorhynchus nerka</i> | 807414 | |

| Reproductive system (continued) | Sexual dimorphism | | Androgens | |
|------------------------------------|------------------------------------|--------|------------------------------------|--------|
| | Salmonidae | 807414 | Biochemistry | |
| | <i>Oncorhynchus nerka</i> | | Mugiloidae | |
| | Lipid and fatty acid content | | <i>Mugil cephalus</i> | 805026 |
| | Biochemistry | | Developmental analysis | |
| | Leiognathidae | | Cichlidae | |
| | <i>Leiognathus splendens</i> | 804282 | <i>Hemihaplochromis multicolor</i> | 804174 |
| | Clupeidae | | Life span | |
| | <i>Clupeonella cultriventris</i> | 808451 | Experimental analysis | |
| | Salmonidae | | Petromyzontomorpha | |
| | <i>Salmo trutta</i> | 805714 | <i>Lampetra fluviatilis</i> | 805175 |
| | Seasonal changes | | Change with age | |
| | Leiognathidae | | Biochemistry | |
| | <i>Leiognathus splendens</i> | 804282 | Salmonidae | |
| | Salmonidae | | <i>Oncorhynchus keta</i> | 805676 |
| | <i>Salmo trutta</i> | 805714 | Allometry | |
| | Glucose content | | Clupeidae | |
| | Biochemistry | | <i>Clupea harengus</i> | 807733 |
| | Mastacembelidae | | Radioactivity | |
| | <i>Mastacembelus armatus</i> | 806376 | Biochemistry | |
| | Poison content | | Cobitidae | |
| | Biochemistry | | <i>Misgurnus fossilis</i> | 807728 |
| | Lutjanidae | | Seasonal changes | |
| | <i>Lutjanus bohar</i> | 804122 | Biochemistry | |
| | DNA content and function | | Siluridae | |
| | Migrations | | <i>Wallagonia attu</i> | 806385 |
| | Salmonidae | | Protein content | |
| | <i>Oncorhynchus gorbuscha</i> | 807654 | Siluridae | |
| | RNA content and function | | <i>Wallagonia attu</i> | 804393 |
| | Migrations | | Lipid and fatty acid content | |
| | Salmonidae | | Siluridae | |
| | <i>Oncorhynchus gorbuscha</i> | 807654 | <i>Wallagonia attu</i> | 804393 |
| | Enzymology | | Mating | |
| | Biochemistry | | Experimental analysis | |
| | Squalidae | | Poeciliidae | |
| | <i>Squalus acanthias</i> | 805031 | <i>Poecilia reticulata</i> | 804487 |
| | LDH isoenzymes | | Gerontological pathologies | |
| | Biochemistry | | Histology | |
| | Merlucciidae | | Gadidae | |
| | <i>Merluccius productus</i> | 805262 | <i>Gadus morhua</i> | 807547 |
| | Pigments | | Abnormality | |
| | Biochemistry | | Poeciliidae | |
| | Salmonidae | | <i>Poecilia reticulata</i> | 809000 |
| | <i>Oncorhynchus keta</i> | 805676 | Gadidae | |
| | Adenohypophysis | | <i>Gadus morhua</i> | 807547 |
| | Experimental analysis | | Virus diseases | |
| | Myxinomorpha | | Experimental analysis | |
| | <i>Myxine glutinosa</i> | 805150 | Salmonidae | |
| | Gonadotropin | | <i>Salmo gairdneri</i> | 807368 |
| | Experimental analysis | | Tissue culture techniques | |
| | Embiotocidae | | Salmonidae | |
| | <i>Cymatogaster aggregata</i> | 803813 | <i>Salmo gairdneri</i> | 807368 |
| | Adrenal cortex | | Amino acids | |
| | Experimental analysis | | Biochemistry | |
| | Salmonidae | | Clariidae | |
| | <i>Oncorhynchus nerka</i> | 807530 | <i>Clarias batrachus</i> | 806375 |
| | Arterial system | | Polycystic degeneration | |
| | Venous system | | Abnormality | |
| | Anatomy | | Salmonidae | |
| | Percidae | | <i>Salmo gairdneri</i> | 808452 |
| | <i>Perca fluviatilis</i> | 804045 | | |
| | Cobitidae | | Oogenesis | |
| | <i>Misgurnus fossilis</i> | 804045 | Petromyzontomorpha | |
| | Cyprinidae | | <i>Mordacia mordax</i> | 804395 |
| | <i>Cyprinus carpio</i> | 804045 | <i>Mordacia praecox</i> | 804395 |
| | <i>Tinca tinca</i> | 804045 | Elasmobranchii | 809078 |
| | Esocidae | | Acipenseromorpha | |
| | <i>Esox lucius</i> | 804045 | <i>Acipenser ruthenus</i> | 804942 |
| | Salmonidae | | <i>Huso huso</i> | 804942 |
| | <i>Salmo gairdneri</i> | 804045 | Teleostei | 809078 |
| | Intestine | | Anabantidae | |
| | Experimental analysis | | <i>Anabas scandens</i> | 804311 |
| | Petromyzontomorpha | | Mastacembelidae | |
| | <i>Lampetra fluviatilis</i> | 805175 | <i>Macrognathus aculeatus</i> | 804645 |
| | Estrogens | | Serranidae | |
| | Biochemistry | | <i>Epinephelus morio</i> | 806260 |
| | Mugiloidae | | Bothidae | |
| | <i>Mugil cephalus</i> | 805026 | <i>Citharichthys cornutus</i> | 807596 |
| | Developmental analysis | | Amphipnoideae | |
| | Belontiidae | | <i>Amphipnoeus cuchia</i> | 804645 |
| | <i>Macropodus opercularis</i> | 804697 | Belontiidae | |
| | Cichlidae | | <i>Xenentodon cancila</i> | 804645 |
| | <i>Hemihaplochromis multicolor</i> | 804174 | Clupeidae | |
| | Progestins | | <i>Brevoortia patronus</i> | 807016 |
| | Biochemistry | | Cyprinidae | |
| | Mugiloidae | | <i>Carassius auratus</i> | 804943 |
| | <i>Mugil cephalus</i> | 805026 | Bagridae | |
| | Delayed fertilization | | <i>Myxus tengara</i> | 804645 |
| | Ultrastructure | | Histology | |
| | Poeciliidae | | Cyprinidae | |
| | <i>Poecilia reticulata</i> | 804163 | <i>Pseudorasbora pumila</i> | 805073 |
| | Function | | Osmeridae | |
| | Poeciliidae | | <i>Osmerus eperlanus</i> | 808647 |
| | <i>Poecilia reticulata</i> | 804163 | | |

| | | Function | Reproductive system (continued) |
|--------------------------------------|--------|---------------------------------|---------------------------------|
| Cytology | | Cyprinidae | |
| Amphipnoideae | | <i>Brachydanio rerio</i> | 803764 |
| Salmonidae | 804110 | Experimental analysis | |
| <i>Oncorhynchus</i> | 806309 | In vitro techniques | |
| <i>Oncorhynchus gorbuscha</i> | 806309 | Cyprinidae | |
| Biochemistry | | <i>Brachydanio rerio</i> | 804129 |
| Teleostei | 808004 | Enzymology | |
| Ultrastructure | | Histology | |
| Cyprinidae | | Squalidae | |
| <i>Brachydanio rerio</i> | 804159 | <i>Squalus acanthias</i> | 805161 |
| Function | | Biochemistry | |
| Dipnoi | | Squalidae | |
| <i>Protopterus aethiopicus</i> | 803930 | <i>Squalus acanthias</i> | 805031 |
| | 804698 | Function | |
| Carbohydrate content | | Squalidae | |
| Biochemistry | | <i>Squalus acanthias</i> | 805031 |
| Anabantidae | | Prolactin | |
| <i>Anabas scandens</i> | 804746 | Elasmobranchii | 806286 |
| Biomenbranes | | Teleostei | 806286 |
| Histology | | Ovarian cycles | |
| Belontiidae | | Function | |
| <i>Trichogaster fasciatus</i> | 806923 | Acipenseromorpha | |
| Function | | <i>Acipenser gueldenstaedti</i> | 806292 |
| Belontiidae | | Salmonidae | |
| <i>Trichogaster fasciatus</i> | 806923 | <i>Salmo salar</i> | 806292 |
| Adenohypophysis | | Ovarian endocrine tissue | |
| Experimental analysis | | Elasmobranchii | 809078 |
| Petromyzontomorpha | | Teleostei | 809078 |
| <i>Lampetra fluviatilis</i> | 806305 | Histology | |
| Gonadotropin | | Biochemistry | |
| Experimental analysis | | Poeciliidae | |
| Poeciliidae | | <i>Poecilia reticulata</i> | 805174 |
| <i>Poecilia reticulata</i> | 804487 | Enzymology | |
| Yolk | | Poeciliidae | |
| Cytology | | <i>Poecilia reticulata</i> | 805174 |
| Plecoglossidae | | Biochemistry | |
| <i>Plecoglossus altivelis</i> | 805526 | Histology | |
| Seasonal changes | | Pleuronectidae | |
| Pleuronectidae | | <i>Microstomus kitt</i> | 805186 |
| <i>Pseudopleuronectes americanus</i> | 807467 | Estrogens | |
| Captive vs natural fishes | | Biochemistry | |
| Abnormality | | Mugiloidae | |
| Salmonidae | | <i>Mugil capito</i> | 805168 |
| <i>Coregonus nasus</i> | 807666 | <i>Mugil cephalus</i> | 805168 |
| Iron | | Ovarian cycles | |
| Histology | | Histology | |
| Biochemistry | | Squalidae | |
| Heteropneustidae | | <i>Squalus acanthias</i> | 805161 |
| <i>Heteropneustes fossilis</i> | 806922 | Enzymology | |
| Ovarian follicles | | Squalidae | |
| Anabantidae | | <i>Squalus acanthias</i> | 805161 |
| <i>Anabas scandens</i> | 804311 | Androgens | |
| Function | | Biochemistry | |
| Cyprinidae | | Mugiloidae | |
| <i>Brachydanio rerio</i> | 803764 | <i>Mugil capito</i> | 805166 |
| Ovulation | | Salinity | |
| Cyprinidae | | Experimental analysis | |
| <i>Abramis ballerus</i> | 804570 | Mugiloidae | |
| <i>Abramis brama</i> | 804570 | <i>Mugil capito</i> | 805158 |
| <i>Abramis sapa</i> | 804570 | Enzymology | |
| <i>Blicca bjoerkna</i> | 804570 | Mugiloidae | |
| Adenohypophysis | | <i>Mugil capito</i> | 805158 |
| Experimental analysis | | Estrogens | |
| Petromyzontomorpha | | Teleostei | 806111 |
| <i>Lampetra fluviatilis</i> | 806305 | Mugiloidae | |
| Pars distalis | | <i>Mugil capito</i> | 803640 |
| Experimental analysis | | Biochemistry | |
| Petromyzontomorpha | | Function | |
| <i>Lampetra fluviatilis</i> | 803815 | Elasmobranchii | 809078 |
| Luteotropic hormone | | Teleostei | 809078 |
| Experimental analysis | | Synbranchidae | |
| Heteropneustidae | | <i>Monopterus albus</i> | 804548 |
| <i>Heteropneustes fossilis</i> | 806300 | Developmental analysis | |
| Cortical hormones | | Elasmobranchii | 806290 |
| Experimental analysis | | Effect on fish | |
| Heteropneustidae | | Vitamin content | |
| <i>Heteropneustes fossilis</i> | 806300 | Gadidae | |
| Corpora lutea | | <i>Gadus morhua</i> | 805405 |
| Clupeidae | | Steroid metabolism | |
| <i>Brevortia patronus</i> | 807016 | Salmonidae | |
| <i>Sardinella longiceps</i> | 807079 | <i>Oncorhynchus nerka</i> | 807452 |
| Histology | | Olfactory nerve | |
| Function | | Cyprinidae | |
| Elasmobranchii | | <i>Carassius auratus</i> | 804540 |
| Teleostei | 809078 | Adenohypophysis | |
| Amphipnoideae | 809078 | Myxiniomorpha | |
| <i>Amphipnous cuchia</i> | 804729 | <i>Myxine glutinosa</i> | 805150 |
| Notopteridae | | Heteropneustidae | |
| <i>Notopterus notopterus</i> | 805132 | <i>Heteropneustes fossilis</i> | 805706 |
| Development | | Thyroid | |
| Notopteridae | | Bagridae | |
| <i>Notopterus notopterus</i> | 805132 | <i>Mystus vittatus</i> | 804546 |
| | | | 808333 |

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|------------------------------------|------------------------------------|--------|---------------------------------|--------|
| Reproductive system (continued) | Cortical hormones | | Syngnathidae | |
| | Salmonidae | | <i>Hippocampus kuda</i> | 805736 |
| | <i>Oncorhynchus nerka</i> | 807452 | Clinidae | 805650 |
| | Biochemical blood constituents | | Embiotocidae | 805609 |
| | Gadidae | | <i>Cymatogaster aggregata</i> | 806859 |
| | <i>Gadus morhua</i> | 805405 | <i>Diurema temminckii</i> | 806224 |
| | Ovary | | <i>Diurema viridis</i> | 806224 |
| | Cichlidae | | <i>Rhacochilus vacca</i> | 807188 |
| | <i>Hemihaplochromis multicolor</i> | 804174 | Scorpaenidae | |
| | Testis | | <i>Sebastes atrovirens</i> | 807188 |
| | Cichlidae | | <i>Sebastes dalli</i> | 807188 |
| | <i>Hemihaplochromis multicolor</i> | 804174 | Poeciliidae | 803705 |
| | Heteropneustidae | | <i>Gambusia affinis</i> | 804946 |
| | <i>Heteropneustes fossilis</i> | 805448 | <i>Poecilia reticulata</i> | 808562 |
| | Seminal vesicles | | Ophidiidae | 805709 |
| | Heteropneustidae | | Anatomy | |
| | <i>Heteropneustes fossilis</i> | 805706 | Descriptive evolution | |
| | Sexual dimorphism | | Elasmobranchii | 809047 |
| | Teleostei | 809080 | Teleostei | 809047 |
| | Developing egg | | Poeciliidae | 809047 |
| | Salmonidae | | Description and occurrence | |
| | <i>Salmo trutta</i> | 808865 | Gonadotroph | |
| | Larva | | Poeciliidae | |
| | Belontiidae | | <i>Poecilia latipinna</i> | 809070 |
| | <i>Macropodus opercularis</i> | 804697 | Ion and water relationships | |
| | Fry | | Experimental analysis | |
| | Cichlidae | | Poeciliidae | |
| | <i>Hemihaplochromis multicolor</i> | 804174 | <i>Gambusia affinis</i> | 808393 |
| | Sex reversal | | Zoaridae | |
| | Oryziatidae | | <i>Zoarces viviparus</i> | 804965 |
| | <i>Oryzias latipes</i> | 809080 | Pars distalis | |
| | Aggressive behavior | | Experimental analysis | |
| | Teleostei | 809079 | Poeciliidae | |
| | Mating | | <i>Gambusia affinis</i> | 804240 |
| | Teleostei | 809079 | Gonadotropin | |
| | Poeciliidae | | Experimental analysis | |
| | <i>Poecilia reticulata</i> | 804487 | Poeciliidae | |
| | Nest construction | | <i>Poecilia reticulata</i> | 805196 |
| | Teleostei | 809079 | Prolactin | |
| | Biochemical blood constituents | | Elasmobranchii | 806286 |
| | Biochemistry | | Teleostei | 806286 |
| | Rajidae | | Delayed fertilization | |
| | <i>Raja radiata</i> | 804538 | Ovarian cycles | |
| | Calcium | | Poeciliidae | |
| | Effect on fish | | <i>Poecilia reticulata</i> | 804578 |
| | Biochemical blood constituents | | Fertilization | |
| | Scyliorhinidae | | Poeciliidae | |
| | <i>Scyliorhinus caniculus</i> | 805034 | <i>Poecilia reticulata</i> | 804163 |
| | Progestins | | Hydrostatics | |
| | Effect on fish | | Squalidae | |
| | Thyroid | | <i>Squalus acanthias</i> | 805404 |
| | Bagridae | | Placentalike organs | |
| | <i>Mystus vittatus</i> | 804546 | Elasmobranchii | 809078 |
| | Male genital papilla | | Teleostei | 809078 |
| | Oryziatidae | | Ovarian cycles | |
| | <i>Oryzias latipes</i> | 805259 | Petromyzontomorpha | |
| | Sexually dimorphic fins | | <i>Caspiomyzon wagneri</i> | 807755 |
| | Oryziatidae | 805259 | <i>Mordacia mordax</i> | 804395 |
| | <i>Oryzias latipes</i> | | <i>Mordacia praecox</i> | 804395 |
| | Reproduction | | Elasmobranchii | 809078 |
| | Oryziatidae | 805259 | Acipenseromorpha | 807660 |
| | <i>Oryzias latipes</i> | | Acipenser | 807691 |
| | Progesterone | | <i>Huso huso</i> | 804705 |
| | Effect on fish | | Teleostei | 804708 |
| | Embryogenesis | | | 809078 |
| | Poeciliidae | | Syngnathidae | |
| | <i>Gambusia affinis</i> | 808394 | <i>Syngnathus</i> | 808715 |
| | Delayed fertilization | | Anarhichadidae | |
| | Cottidae | | <i>Anarhichas denticulatus</i> | 806559 |
| | <i>Myoxocephalus quadricornis</i> | 806258 | <i>Anarhichas lupus</i> | 806559 |
| | Poeciliidae | | <i>Anarhichas minor</i> | 806559 |
| | <i>Poecilia reticulata</i> | 808562 | Blenniidae | 806057 |
| | Viviparity | | Clinidae | 806057 |
| | Poeciliidae | | <i>Neoclinus blanchardi</i> | 808715 |
| | <i>Poecilia reticulata</i> | 804578 | Pholididae | 806057 |
| | Sex inheritance | | Gobiidae | 806057 |
| | Experimental analysis | | Mugiloidae | 805458 |
| | Oryziatidae | | <i>Liza macrolepis</i> | 808575 |
| | <i>Oryzias latipes</i> | 804338 | <i>Mugil</i> | 805024 |
| | Viviparity | | <i>Mugil cephalus</i> | 806236 |
| | Elasmobranchii | 809078 | <i>Rhinomugil corsula</i> | 806902 |
| | Dasyatidae | | Channichthyidae | |
| | <i>Dasyatis centroura</i> | 804187 | <i>Cryodraco antarcticus</i> | 807663 |
| | <i>Urolophus paucimaculatus</i> | 803599 | Nototheniidae | 807663 |
| | Torpedinidae | | <i>Notothenia cyanobranchia</i> | 805049 |
| | <i>Torpedo marmorata</i> | 807299 | Carangidae | |
| | <i>Torpedo ocellata</i> | 807299 | <i>Caranx georgianus</i> | 807753 |
| | Carcharhinidae | | <i>Selar djedaba</i> | 806062 |
| | <i>Mustelus canis</i> | 804555 | <i>Seriola quinqueradiata</i> | 806587 |
| | Hexanchiformes | | <i>Trachinotus carolinus</i> | 804222 |
| | <i>Hexanchus griseus</i> | 803737 | <i>Trachurus declivis</i> | 807753 |
| | <i>Hexanchus vitulus</i> | 803737 | <i>Trachurus japonicus</i> | 805438 |
| | Teleostei | 809078 | | |

| Cichlidae | | <i>Clupea harengus</i> | | Reproductive system (continued) |
|--------------------------------------|--------|-----------------------------------|--|---------------------------------|
| <i>Haplochromis</i> | 806349 | | | 805301 |
| <i>Hemihaplochromis multicolor</i> | 804708 | | | 805302 |
| <i>Tilapia esculenta</i> | 808976 | | | 805303 |
| <i>Tilapia mossambica</i> | 806116 | | | 805305 |
| <i>Tilapia variabilis</i> | 808976 | | | 805308 |
| Embiotocidae | | | | 805311 |
| <i>Cymatogaster aggregata</i> | 806859 | | | 805319 |
| <i>Ditrema temminckii</i> | 806224 | | | 805321 |
| <i>Ditrema viridis</i> | 806224 | | | 805910 |
| Leiognathidae | | | | 805911 |
| <i>Leiognathus splendens</i> | 804282 | | | 807733 |
| Lethrinidae | | | | 807741 |
| <i>Lethrinus lentjan</i> | 808583 | | | 807897 |
| Percidae | | | | 807898 |
| <i>Perca fluviatilis</i> | 806440 | | | 807899 |
| <i>Percina notogramma</i> | 807600 | | | 807900 |
| <i>Percina peltata</i> | 807600 | | | 808050 |
| Sciaenidae | | | | 808053 |
| <i>Cynoscion virescens</i> | 807029 | | | 808054 |
| <i>Genyonemus lineatus</i> | 808715 | | | 808055 |
| <i>Johannes dussumieri</i> | 804737 | | | 808056 |
| <i>Micropteron furnieri</i> | 807048 | | | 808103 |
| <i>Pseudosciaena coibor</i> | 808586 | | | 808105 |
| <i>Pseudosciaena diacanthus</i> | 808570 | | | 808108 |
| <i>Pseudolithus elongatus</i> | 805923 | | | 808111 |
| <i>Pseudolithus senegalensis</i> | 805648 | | | 808113 |
| | 806750 | | | 808917 |
| <i>Pseudolithus typus</i> | 805648 | | | 809060 |
| Serranidae | | <i>Dorosoma petenense</i> | | 807811 |
| <i>Morone chrysops</i> | 806520 | <i>Dussumieria hasselti</i> | | 806726 |
| <i>Morone mississippiensis</i> | 808901 | <i>Ethmalosa fimbriata</i> | | 806743 |
| 809041 | | <i>Opisthonema oglinum</i> | | 807033 |
| <i>Paralabrax clathratus</i> | 807229 | <i>Sardinella longiceps</i> | | 807079 |
| Sparidae | | | | 808598 |
| <i>Stenotomus chrysops</i> | 807562 | <i>Sardinella sirm</i> | | 806726 |
| Istiophoridae | | <i>Sprattus sprattus</i> | | 808307 |
| <i>Istiophorus platypterus</i> | 808879 | Engraulidae | | |
| <i>Makaira nigricans</i> | 808879 | <i>Engraulis japonicus</i> | | 804315 |
| <i>Tetrapterus angustirostris</i> | 808474 | <i>Engraulis ringens</i> | | 805701 |
| <i>Tetrapterus audax</i> | 808879 | | | 808166 |
| Scombridae | | Catostomidae | | |
| <i>Euthynnus pelamis</i> | 808474 | <i>Catostomus catostomus</i> | | 807422 |
| <i>Scomber australasicus</i> | 803510 | <i>Catostomus platyrhynchus</i> | | 807795 |
| <i>Scomber japonicus</i> | 807753 | <i>Moxostoma carinatum</i> | | 804165 |
| <i>Thunnus</i> | 803744 | Cyprinidae | | |
| <i>Thunnus albacares</i> | 808147 | <i>Abramis brama</i> | | 807749 |
| <i>Thunnus obesus</i> | 808279 | <i>Alburnus alburnus</i> | | 807525 |
| Trichiuridae | | <i>Aspius aspius</i> | | 804696 |
| <i>Lepidopus caudatus</i> | 808130 | <i>Barbus apleurogramma</i> | | 804708 |
| <i>Paradipliospinus gracilis</i> | 807663 | <i>Barbus kersteni</i> | | 804708 |
| Xiphiidae | | <i>Barbus kolus</i> | | 808571 |
| <i>Xiphias gladius</i> | 804674 | <i>Barilius bendelisis</i> | | 808983 |
| | 808879 | <i>Carassius carassius</i> | | 806442 |
| Bathymasteridae | | <i>Ctenopharyngodon idella</i> | | 808440 |
| <i>Rathbunella hypoplecta</i> | 808715 | <i>Cyprinus carpio</i> | | 807749 |
| Boiidae | | <i>Notropis stramineus</i> | | 807832 |
| <i>Boiopsis</i> | 808715 | <i>Rhinichthys atratulus</i> | | 807833 |
| Cynoglossidae | | <i>Rutilus rutilus</i> | | 807525 |
| <i>Symphurus atricauda</i> | 808715 | | | 807749 |
| Pleuronectidae | | <i>Zacco platypus</i> | | 806232 |
| <i>Hippoglossus hippoglossus</i> | 808715 | Ariidae | | |
| | 805331 | <i>Arius heudeloti</i> | | 804552 |
| <i>Limanda aspera</i> | 808918 | Mochokidae | | |
| <i>Platichthys flesus</i> | 807769 | <i>Chiloglanis emarginatus</i> | | 807007 |
| <i>Pseudopleuronectes americanus</i> | 807467 | Sisoridae | | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | <i>Glyptothorax pectinopterus</i> | | 804386 |
| Agonidae | | Mormyridae | | 803915 |
| <i>Agonus cataphractus</i> | 807955 | Batrachoidiformes | | |
| <i>Odontopyxis trispinosa</i> | 808715 | <i>Porichthys notatus</i> | | 808715 |
| <i>Xeneretmus latifrons</i> | 808715 | Gadidae | | |
| <i>Xeneretmus triacanthus</i> | 808715 | <i>Boreogadus saida</i> | | 806342 |
| Cottidae | | <i>Eleginus navaga</i> | | 807721 |
| <i>Cottus beldingi</i> | 806057 | <i>Gadus morhua</i> | | 808035 |
| <i>Icelinus quadriseriatus</i> | 808721 | | | 808091 |
| <i>Icelinus tenuis</i> | 808715 | <i>Lota lota</i> | | 806834 |
| <i>Triglops murrayi</i> | 807370 | <i>Micromesistius australis</i> | | 807663 |
| Hexagrammidae | | <i>Theragra chalcogramma</i> | | 807667 |
| <i>Zaniolepis frenata</i> | 808715 | Merlucciidae | | |
| <i>Zaniolepis latipinnis</i> | 808715 | <i>Merluccius merluccius</i> | | 808297 |
| Scorpenidae | | Zoarcidae | | |
| <i>Sebastes</i> | 807924 | <i>Lycodopsis pacifica</i> | | 807500 |
| <i>Sebastes crameri</i> | 807915 | | | 808715 |
| <i>Sebastes mentella</i> | 804333 | Gobiesociformes | | 806057 |
| Cyprinodontidae | | Argentinidae | | |
| <i>Fundulus kansae</i> | 807834 | <i>Argentina sphyraena</i> | | 804534 |
| Scomberesocidae | | Salmonidae | | 808471 |
| <i>Scomberesox saurus</i> | 805337 | | | 808472 |
| Clupeidae | | <i>Coregonus peled</i> | | 808982 |
| <i>Alosa kessleri</i> | 807711 | <i>Oncorhynchus keta</i> | | 807668 |
| <i>Brevortia patronus</i> | 807016 | | | 804119 |
| <i>Brevortia smithi</i> | 804437 | | | 805229 |
| <i>Brevortia tyrannus</i> | 804437 | | | 808908 |
| <i>Brevortia tyrannus X</i> | | | | |
| <i>Brevortia smithi X</i> | 804437 | | | |

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|------------------------------------|---------------------------------|--------|--------------------------------|--|--------|
| Reproductive system (continued) | <i>Oncorhynchus kikut</i> | 808908 | <i>Salmo salar</i> | | 806292 |
| | <i>Oncorhynchus masou</i> | 807116 | Biochemical blood constituents | | |
| | <i>Oncorhynchus nerka</i> | 805939 | Seasonal changes | | |
| | | 808908 | Gadidae | | |
| | <i>Prosopium cylindraceum</i> | 807774 | <i>Gadus morhua</i> | | 805405 |
| | <i>Salmo trutta</i> | 804048 | Viviparity | | |
| | | 805714 | Poeciliidae | | |
| | <i>Stenodus leucichthys</i> | 805813 | <i>Poecilia reticulata</i> | | 804578 |
| | <i>Thymallus thymallus</i> | 806835 | Eco-types | | |
| Sternopygidae | | 805983 | Larva | | |
| | <i>Sternopyx diaphana</i> | 804915 | Petromyzontomorpha | | |
| Anatomy | | | <i>Petromyzon marinus</i> | | 805966 |
| | Pangasiidae | | Living space | | |
| | <i>Pangasius pangasius</i> | 808572 | Experimental analysis | | |
| Histology | | | Cyprinidae | | |
| | Acipenseromorpha | | <i>Cyprinus carpio</i> | | 808245 |
| | <i>Acipenser gueldenstaedti</i> | 807727 | Temperature | | |
| | Gobiidae | | Experimental analysis | | |
| | <i>Aphia minuta</i> | 807992 | Gasterosteidae | | |
| | Amphipnoidae | | <i>Gasterosteus aculeatus</i> | | 805156 |
| | <i>Amphipnoides cuchia</i> | 804729 | Light | | |
| Salmonidae | | | Experimental analysis | | |
| | <i>Coregonus nasus</i> | 807666 | Gasterosteidae | | |
| | <i>Oncorhynchus gorbuscha</i> | 808909 | <i>Gasterosteus aculeatus</i> | | 805156 |
| Function | | | Populations | | |
| | Squalidae | | Engraulidae | | |
| | <i>Squalus acanthias</i> | 805031 | <i>Engraulis encrasicolus</i> | | 807765 |
| Experimental analysis | | | Capture vs natural fishes | | |
| | Cyprinidae | | Cichlidae | | |
| | <i>Ctenopharyngodon idella</i> | 808502 | <i>Tilapia leucosticta</i> | | 805587 |
| Meristic morphometric techniques | | | Feeding captive fish | | |
| | Clupeidae | | Experimental analysis | | |
| | <i>Sardinella aurita</i> | 808017 | Salmonidae | | |
| | <i>Sardinella libu</i> | 808017 | <i>Salmo trutta</i> | | 805967 |
| Abnormality | | | Parthenogenesis | | |
| | Mugiloidae | | Experimental analysis | | |
| | <i>Mugil saliens</i> | 808300 | Salmonidae | | |
| | Atherinidae | | <i>Salvelinus fontinalis</i> | | 806688 |
| | <i>Atherina mochon</i> | 808300 | Gynogenesis | | |
| Description and occurrence | | | Poeciliidae | | |
| | Gonadotroph | | <i>Poecilia formosa</i> | | 805844 |
| | Poeciliidae | | Artificial hybridization | | |
| | <i>Poecilia latipinna</i> | 809070 | Teleostei | | 807661 |
| Temperature | | | Radiosensitivity | | |
| | Cobitidae | | Experimental analysis | | |
| | <i>Bouta birdi</i> | 808614 | Pleuronectidae | | |
| | Cyprinidae | | <i>Platichthys flesus</i> | | 806457 |
| | <i>Schizothorax niger</i> | 808614 | <i>Pleuronectes platessa</i> | | 806457 |
| Light | | | Salmonidae | | |
| | Cobitidae | | <i>Salmo trutta</i> | | 806457 |
| | <i>Bouta birdi</i> | 808614 | Temperature | | |
| | Cyprinidae | | Pleuronectidae | | |
| | <i>Schizothorax niger</i> | 808614 | <i>Pleuronectes platessa</i> | | 806457 |
| Oxygen | | | Hybridogenesis | | |
| | Cobitidae | | Descriptive evolution | | |
| | <i>Bouta birdi</i> | 808614 | Poeciliidae | | |
| | Cyprinidae | | <i>Poeciliopsis</i> | | 807327 |
| | <i>Schizothorax niger</i> | 808614 | <i>Poeciliopsis lucida</i> X | | |
| Adaptation | | | <i>Poeciliopsis monacha</i> X | | 807327 |
| | Salmonidae | | Matroclinal inheritance | | |
| | <i>Oncorhynchus</i> | 806309 | Artificial hybridization | | |
| | <i>Salmo salar</i> | 806309 | Teleostei | | |
| Accumulation | | | Superfertilation | | 807661 |
| | Acipenseromorpha | 806308 | Gonadotropin | | |
| | Peruidae | | Experimental analysis | | |
| | <i>Perca fluviatilis</i> | 806308 | Poeciliidae | | |
| | Cyprinidae | | <i>Poecilia reticulata</i> | | 805196 |
| | <i>Abramis brama</i> | 806308 | Fecundity | | 807887 |
| | <i>Cyprinus carpio</i> | 806308 | Petromyzontomorpha | | 806635 |
| | <i>Esox lucius</i> | 806308 | <i>Petromyzon wagneri</i> | | 807755 |
| | Salmonidae | | <i>Lamprologus mariae</i> | | 807664 |
| | <i>Coregonus</i> | 806308 | <i>Mordacia mordax</i> | | 804395 |
| | <i>Coregonus</i> | 806308 | <i>Mordacia praecox</i> | | 804395 |
| | <i>Coregonus</i> | 806308 | Chimaeromorpha | | |
| Effect of sex | | | <i>Neoharriotta pinnata</i> | | 808409 |
| Distribution within habitat | | | Dasyatidae | | |
| | Poeciliidae | | <i>Dasyatis centroura</i> | | 804187 |
| | <i>Gambusia affinis</i> | 807179 | Carcharhinidae | | |
| Protein content | | | <i>Carcharias mackiei</i> | | 807212 |
| Lipid and fatty acid content | | | <i>Galeocerdo cuvieri</i> | | 805672 |
| | Channiformes | | Dasyatidae | | |
| | <i>Channa punctatus</i> | 808994 | <i>Atractosteus armatus</i> | | 808409 |
| Oxidative metabolism | | | Acipenseromorpha | | 806635 |
| Biochemistry | | | Amniomorpha | | |
| | Anabantidae | | <i>Anabas</i> | | 806635 |
| | <i>Anabas scandens</i> | 806696 | Semionotomorpha | | 806635 |
| Adenohypophysis | | | Gasterosteidae | | |
| Neuroendocrine system | | | <i>Gasterosteus aculeatus</i> | | 806635 |
| | Acipenseromorpha | | | | 806635 |
| | <i>Acipenser gueldenstaedti</i> | 806292 | <i>Pungitius pungitius</i> | | 806635 |
| | Teleostei | 806292 | | | 806851 |
| | Salmonidae | | Synbranchidae | | |
| | <i>Oncorhynchus</i> | 806292 | <i>Synbranchus scovelli</i> | | 807017 |

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|-------------------------------------|--------|------------------------------------|--------|--------|------------------------------------|
| Anabantidae | | Catostomidae | | 806635 | Reproductive system (continued) |
| <i>Ctenopoma damasi</i> | 808979 | <i>Catostomus catostomus</i> | 807422 | | |
| <i>Ctenopoma muriei</i> | 804708 | <i>Catostomus platyrhynchus</i> | 807795 | | |
| | 808979 | <i>Moxostoma carinatum</i> | 804165 | | |
| Anarhichadidae | | Cobitidae | | | |
| <i>Anarhichas denticulatus</i> | 806559 | <i>Cobitis aurata</i> | 807686 | | |
| <i>Anarhichas lupus</i> | 806559 | | 806041 | | |
| <i>Anarhichas minor</i> | 806559 | | 806635 | | |
| Gobiidae | | <i>Abramis ballerus</i> | 807702 | | |
| <i>Evermannichthys metzelsari</i> | 805876 | <i>Abramis brama</i> | 806308 | | |
| <i>Evermannichthys silus</i> | 805876 | | 806416 | | |
| Mugilidae | | | 807643 | | |
| <i>Liza macrolepis</i> | 808575 | | 807648 | | |
| <i>Rhinomugil corsula</i> | 806902 | | 807749 | | |
| Carangidae | | <i>Alburnus alburnus</i> | 807525 | | |
| <i>Trachinotus carolinus</i> | 807837 | <i>Barbus aplurogramma</i> | 804708 | | |
| Centrarchidae | | <i>Barbus kersteni</i> | 808571 | | |
| <i>Lepomis macrochirus</i> | 804762 | <i>Barbus kolus</i> | 804708 | | |
| <i>Micropterus dolomieu</i> | 808568 | <i>Barbus paludinosus</i> | 808983 | | |
| <i>Pomoxis annularis</i> | 808796 | <i>Barilius bendelisis</i> | 805921 | | |
| Cichlidae | | <i>Blicca bjoerkna</i> | 807291 | | |
| <i>Hemihaplochromis multicolor</i> | 804708 | <i>Carassius carassius</i> | 806442 | | |
| <i>Tilapia mossambica</i> | 806116 | <i>Cyprinus carpio</i> | 807643 | | |
| Embiotocidae | | | 807690 | | |
| <i>Ditrema temminckii</i> | 806224 | | 807749 | | |
| <i>Ditrema viridis</i> | 806224 | <i>Ericymba buccata</i> | 807003 | | |
| Lethrinidae | | <i>Gobio gobio</i> | 804933 | | |
| <i>Lethrinus lentjan</i> | 808583 | | 805104 | | |
| Percidae | | <i>Labeo rohita</i> | 808577 | | |
| <i>Perca flavescens</i> | 803590 | <i>Leuciscus cephalus</i> | 808441 | | |
| <i>Perca fluviatilis</i> | 804420 | <i>Leuciscus leuciscus</i> | 805972 | | |
| | 804443 | <i>Oxygaster bacaila</i> | 806901 | | |
| | 804896 | <i>Rhinichthys atratulus</i> | 806272 | | |
| <i>Stizostedion canadense</i> | 806440 | | 807833 | | |
| | 804525 | <i>Richardsonius egregius</i> | 808730 | | |
| <i>Stizostedion vitreum</i> | 808795 | <i>Rutilus rutilus</i> | 805921 | | |
| | 803586 | | 807525 | | |
| Pomacentridae | | | 807749 | | |
| <i>Abudefduf saxatilis</i> | 806976 | <i>Scardinius erythrophthalmus</i> | 805921 | | |
| Sciaenidae | | Ariidae | | | |
| <i>Johannes dussumieri</i> | 804737 | <i>Arius heudeloti</i> | 804552 | | |
| <i>Microgobius furnieri</i> | 807048 | Ictaluridae | 806635 | | |
| <i>Pseudosciaena coarctata</i> | 808586 | Pangasiidae | | | |
| <i>Pseudosciaena diabolus</i> | 808570 | <i>Pangasius pangasius</i> | 808572 | | |
| <i>Pseudotolithus elongatus</i> | 805923 | Hiodontidae | | | |
| Serranidae | | <i>Hiodon tergisus</i> | 806635 | | |
| <i>Epinephelus morio</i> | 806260 | Mormyridae | | | |
| <i>Morone mississippiensis</i> | 809041 | <i>Petrocephalus catostoma</i> | 808970 | | |
| Scombridae | | Osteoglossidae | | | |
| <i>Euthynnus pelamis</i> | 803510 | <i>Scleropages leichardti</i> | 808905 | | |
| <i>Scorpaenopsis japonica</i> | 803744 | Batrachoidiformes | | | |
| Centrolophidae | | <i>Porichthys myriaster</i> | 807886 | | |
| <i>Schedophilus huttoni</i> | 807700 | Gadidae | | | |
| Pleuronectidae | | <i>Gadus macrocephalus</i> | 807904 | | |
| <i>Eopsetta jordani</i> | 807904 | <i>Gadus morhua</i> | 807541 | | |
| <i>Iopsetta isolepis</i> | 807904 | <i>Lota lota</i> | 806635 | | |
| <i>Lepidopsetta bilineata</i> | 807904 | | 806834 | | |
| <i>Parophrys vetulus</i> | 807904 | Ophidiidae | 805709 | | |
| <i>Platichthys flesus</i> | 807769 | Zoaridae | | | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | <i>Lycodopsis pacifica</i> | 807500 | | |
| Cottidae | | Amblyopsidae | 806635 | | |
| <i>Cottus beldingi</i> | 808721 | Percopsidae | | | |
| <i>Triglops murrayi</i> | 807370 | <i>Percopsis omiscomaycus</i> | 806635 | | |
| Cylopteriidae | | Esocidae | 806635 | | |
| <i>Eumicrostomus orbis</i> | 807553 | <i>Esox lucius</i> | 808025 | | |
| <i>Liparis pulchellus</i> | 807635 | Umbriidae | 806635 | | |
| Hexagrammidae | | Osmeridae | 806635 | | |
| <i>Ophiodon elongatus</i> | 807904 | <i>Hypomesus olidus</i> | 806851 | | |
| Scorpaenidae | | <i>Osmerus eperlanus</i> | 808647 | | |
| <i>Sebastes mentella</i> | 804333 | <i>Osmerus mordax</i> | 808647 | | |
| Atherinidae | | Salmonidae | 806635 | | |
| <i>Menidia audens</i> | 808171 | <i>Coregonus clupeoides</i> | 803672 | | |
| <i>Menidia extensa</i> | 807835 | <i>Coregonus peled</i> | 807668 | | |
| Cyprinodontidae | | <i>Coregonus sardinella</i> | 806851 | | |
| <i>Cynolebias bellotti</i> | 808499 | <i>Oncorhynchus</i> | 806309 | | |
| <i>Epiplatys bifasciatus</i> | 808275 | <i>Oncorhynchus keta</i> | 805229 | | |
| <i>Fundulus kansae</i> | 807834 | | 807669 | | |
| Oryziatidae | | <i>Oncorhynchus kisutch</i> | 808908 | | |
| <i>Oryzias latipes</i> | 804260 | <i>Oncorhynchus nerka</i> | 807378 | | |
| Poeciliidae | | <i>Oncorhynchus tshawytscha</i> | 808908 | | |
| <i>Gambusia affinis</i> | 803550 | <i>Prosopium cylindraceum</i> | 808657 | | |
| | 806635 | <i>Salmo salar</i> | 806309 | | |
| Clupeidae | 806635 | | 806879 | | |
| <i>Alosa kessleri</i> | 807748 | <i>Salmo trutta</i> | 807440 | | |
| <i>Dorosoma petenense</i> | 807811 | | 805813 | | |
| <i>Sardinella longiceps</i> | 807079 | <i>Salvelinus alpinus</i> | 806414 | | |
| <i>Sprattus sprattus</i> | 808307 | <i>Salvelinus fontinalis</i> | 808219 | | |
| Engraulidae | | <i>Stenodus leucichthys</i> | 805541 | | |
| <i>Cetengraulis mysticetus</i> | 808282 | | 803585 | | |
| <i>Engraulis encrasicolus</i> | 808203 | | 806835 | | |
| <i>Engraulis japonicus</i> | 804315 | | | | |
| <i>Engraulis ringens</i> | 805701 | | | | |
| Characidae | | | | | |
| <i>Alestes macrophthalmus</i> | 804392 | | | | |

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| Reproductive system (continued) | Experimental analysis | | Nidimental gland | |
| | Cyprinodontidae | | Seasonal changes | |
| | <i>Jordanella floridae</i> | 805877 | Histology | |
| | Testis | | Torpedinidae | |
| | Experimental analysis | | <i>Torpedo marmorata</i> | 807299 |
| | Poeciliidae | | <i>Torpedo ocellata</i> | 807299 |
| | <i>Poecilia reticulata</i> | 805195 | Biochemistry | |
| Egg size | | | Torpedinidae | |
| Teleostei | | 809081 | <i>Torpedo marmorata</i> | 807299 |
| Change with age | | | <i>Torpedo ocellata</i> | 807299 |
| Embiotocidae | | | Uterus | |
| <i>Cymatogaster aggregata</i> | 807496 | | Histology | |
| Serranidae | | | Biochemistry | |
| <i>Morone americana</i> | 808543 | | Scyliorhinidae | |
| Intraspecific variation | | | <i>Scyliorhinus caniculus</i> | 807199 |
| Clupeidae | | | Female genital papilla | |
| <i>Clupea harengus</i> | 805697 | | Blenniidae | |
| Gadidae | | | <i>Blennius dalmatinus</i> | 804715 |
| <i>Gadus morhua</i> | 805697 | | Gobiidae | |
| <i>Melanogrammus aeglefinus</i> | 805697 | | <i>Thorogobius ephippiatus</i> | 805403 |
| Inheritance | | | Ophidiidae | |
| Salmonidae | | | <i>Aphyonius gelatinosus</i> | 805709 |
| <i>Salmo gairdneri</i> | 806080 | | <i>Barathronus bicolor</i> | 805709 |
| Intraspecific variation | | | <i>Barathronus bruuni</i> | 805709 |
| Change with age | | | <i>Leucochlamys galathea</i> | 805709 |
| Clupeidae | | | <i>Nybelinea erikssoni</i> | 805709 |
| <i>Dorosoma cepedianum</i> | 804825 | | Anatomy | |
| Esocidae | | | Identification | |
| <i>Esox lucius</i> | 805970 | | Cyprinidae | |
| Geographic variation | | | <i>Pimephales promelas</i> | 807847 |
| Salmonidae | | | Testis | |
| <i>Oncorhynchus gorbuscha</i> | 807647 | | Anatomy | |
| <i>Oncorhynchus keta</i> | 807647 | | Gobiidae | |
| <i>Oncorhynchus masou</i> | 807647 | | <i>Thorogobius ephippiatus</i> | 805403 |
| <i>Oncorhynchus nerka</i> | 807647 | | Pimelodontidae | |
| Seasonal races | | | <i>Pimelodella griffini</i> | 804055 |
| Salmonidae | | | Histology | |
| <i>Oncorhynchus keta</i> | 807647 | | Dipnoi | |
| Populations | | | <i>Neoceratodus forsteri</i> | 806765 |
| Pleuronectidae | | | Ophidiidae | |
| <i>Limanda aspera</i> | 808918 | | <i>Barathronus bicolor</i> | 805709 |
| Clupeidae | | | Function | |
| <i>Dorosoma cepedianum</i> | 804825 | | Myxiniomorpha | 809078 |
| Density dependent regulation | | | Petromyzontomorpha | 809078 |
| Esocidae | | | Elasmobranchii | 809078 |
| <i>Esox lucius</i> | 805970 | | Teleostei | 809078 |
| Geographic variation | | | Poeciliidae | |
| Percidae | | | <i>Poecilia reticulata</i> | 804162 |
| <i>Stizostedion vitreum</i> | 807460 | | <i>Xiphophorus</i> | 805909 |
| Cyprinidae | | | Development | |
| <i>Rutilus rutilus</i> | 804775 | | Elasmobranchii | 809078 |
| <i>Vimba vimba</i> | 804418 | | Teleostei | 809078 |
| Esocidae | | | Poeciliidae | |
| <i>Esox lucius</i> | 804775 | | <i>Xiphophorus</i> | 805909 |
| Ecotypes | | | Histology | |
| Gobiidae | | | Squalidae | |
| <i>Rhinogobius brunneus</i> | 808746 | | <i>Squalus acanthias</i> | 803574 |
| Salmonidae | | | Cichlidae | |
| <i>Salmo salar</i> | 807874 | | <i>Tilapia leucosticta</i> | 804042 |
| Population changes | | | Heteropneustidae | |
| Change with age | | | <i>Heteropneustes fossilis</i> | 805447 |
| Clupeidae | | | Ultrastructure | |
| <i>Clupea harengus</i> | 808915 | | Squalidae | |
| Seasonal changes | | | <i>Squalus acanthias</i> | 803574 |
| Change with age | | | Biochemistry | |
| Cyprinidae | | | Salmonidae | |
| <i>Abramis ballerus</i> | 807693 | | <i>Oncorhynchus kisutch</i> | 803539 |
| Oral brooding | | | <i>Salmo gairdneri</i> | 803539 |
| Cichlidae | | | Abnormality | |
| <i>Tilapia mossambica</i> | 807710 | | Clupeidae | |
| Feeding captive fish | | | <i>Brevoortia patronus</i> X | |
| Experimental analysis | | | <i>Brevoortia smithi</i> X | 807796 |
| Salmonidae | | | <i>Brevoortia smithi</i> X | 807796 |
| <i>Salmo trutta</i> | 805967 | | <i>Brevoortia patronus</i> X | 807796 |
| Meristic morphometric techniques | | | Function | |
| Catostomidae | | | Salmonidae | |
| <i>Carpiodes carpio</i> | 807845 | | <i>Oncorhynchus kisutch</i> | 803539 |
| Cyprinidae | | | <i>Salmo gairdneri</i> | 803539 |
| <i>Phoxinus erythrogaster</i> | 807846 | | Development | |
| Oviduct | | | Clupeidae | |
| Anatomy | | | <i>Brevoortia patronus</i> | 807016 |
| Function | | | Salmonidae | |
| Elasmobranchii | 809078 | | <i>Oncorhynchus</i> | 806309 |
| Teleostei | 809078 | | <i>Salmo salar</i> | 806309 |
| Development | | | Developmental analysis | |
| Elasmobranchii | 809078 | | Teleostei | 809080 |
| Teleostei | 809078 | | Effect on fish | |
| Seasonal changes | | | Adenohypophysis | |
| Anatomy | | | Salmonidae | |
| Serranidae | | | <i>Oncorhynchus nerka</i> | 807414 |
| <i>Lateolabrax japonicus</i> | 806238 | | Seminal vesicles | |
| Histology | | | Heteropneustidae | |
| Serranidae | | | <i>Heteropneustes fossilis</i> | 805704 |
| <i>Lateolabrax japonicus</i> | 806238 | | | |

| Sexual dimorphism | | Biochemistry | | Reproductive system | |
|------------------------------------|--------|--------------------------------|--------|---------------------|--|
| Salmonidae | | Salmonidae | | (continued) | |
| Lipid and fatty acid content | 807414 | <i>Oncorhynchus keta</i> | 805676 | | |
| Biochemistry | | Claspers | | | |
| Leiognathidae | | Seylorhinidae | | | |
| <i>Leiognathus splendens</i> | 804282 | <i>Seylorhinus canaliculus</i> | 806518 | | |
| Clupeidae | | Allometry | | | |
| <i>Clupeonella cultriventris</i> | 808451 | Clupeidae | | | |
| Salmonidae | | <i>Clupea harengus</i> | 807733 | | |
| <i>Salmo trutta</i> | 805714 | Radioactivity | | | |
| Seasonal changes | | Experimental analysis | | | |
| Leiognathidae | | Oryziatidae | | | |
| <i>Leiognathus splendens</i> | 804282 | <i>Oryzias latipes</i> | 808990 | | |
| Salmonidae | | Heteropneustidae | | | |
| <i>Salmo trutta</i> | 805714 | <i>Heteropneustes fossilis</i> | 805448 | | |
| Poison content | | Seasonal changes | | | |
| Biochemistry | | Protein content | | | |
| Lutjanidae | | Siluridae | | | |
| <i>Lutjanus bohar</i> | 804122 | <i>Wallagonia attu</i> | 804393 | | |
| DNA content and function | | Lipid and fatty acid content | | | |
| Experimental analysis | | Siluridae | | | |
| Salmonidae | | <i>Wallagonia attu</i> | 804393 | | |
| <i>Salmo gairdneri</i> | 803675 | Neoplastic diseases | | | |
| Migrations | | Description and occurrence | | | |
| Salmonidae | | Percidae | | | |
| <i>Oncorhynchus gorbuscha</i> | 807654 | <i>Perca flavescens</i> | 808900 | | |
| RNA content and function | | Insecticide pollutants | | | |
| Migrations | | Abnormality | | | |
| Salmonidae | | Poecilidae | | | |
| <i>Oncorhynchus gorbuscha</i> | 807654 | <i>Poecilia reticulata</i> | 807805 | | |
| Ion and water relationships | | Herbicide pollutants | | | |
| Biochemistry | | Histology | | | |
| Cyprinidae | | Centrarchidae | | | |
| <i>Carassius auratus</i> | 804125 | <i>Lepomis microlophus</i> | 807781 | | |
| Adenohypophysis | | Abnormality | | | |
| Experimental analysis | | Centrarchidae | | | |
| Poecilidae | | <i>Lepomis microlophus</i> | 807781 | | |
| <i>Poecilia reticulata</i> | 804749 | Milt | | | |
| Developmental analysis | | Ion and water relationships | | | |
| Poecilidae | | Biochemistry | | | |
| <i>Poecilia reticulata</i> | 806561 | Cyprinidae | | | |
| Androgens | | <i>Carassius auratus</i> | 804125 | | |
| Poecilidae | | Protamine | | | |
| <i>Poecilia reticulata</i> | 806561 | Biochemistry | | | |
| Gonadotropin | | Salmonidae | | | |
| Histology | | <i>Salmo gairdneri</i> | 803521 | | |
| Blenniidae | | | | | |
| <i>Blennius sphinx</i> | 805159 | Spermatogenesis | | | |
| Experimental analysis | | Petromyzontomorpha | 809078 | | |
| Blenniidae | | <i>Mordacia mordax</i> | 804395 | | |
| <i>Blennius sphinx</i> | 805159 | <i>Mordacia praecox</i> | 804395 | | |
| Embiotocidae | | | 807633 | | |
| <i>Cymatogaster aggregata</i> | 803813 | Elasmobranchii | 809078 | | |
| Salmonidae | | Squalidae | | | |
| <i>Salmo gairdneri</i> | 803675 | <i>Squalus acanthias</i> | 803574 | | |
| Adrenal cortex | | | 805732 | | |
| Experimental analysis | | Teleostei | 809078 | | |
| Salmonidae | | Cichlidae | | | |
| <i>Oncorhynchus nerka</i> | 807530 | <i>Tilapia leucosticta</i> | 804042 | | |
| Mesentery | | <i>Tilapia mossambica</i> | 804945 | | |
| Anatomy | | Serranidae | | | |
| Carcharinidae | | <i>Epinephelus morio</i> | 806260 | | |
| <i>Triaenodon obesus</i> | 807215 | Poecilidae | | | |
| Development | | <i>Poecilia reticulata</i> | 804162 | | |
| Carcharinidae | | Bagridae | | | |
| <i>Triaenodon obesus</i> | 807215 | <i>Mystus vittatus</i> | 806381 | | |
| Estrogens | | Heteropneustidae | | | |
| Experimental analysis | | <i>Heteropneustes fossilis</i> | 805447 | | |
| Heteropneustidae | | Siluridae | | | |
| <i>Heteropneustes fossilis</i> | 805448 | <i>Wallagonia attu</i> | 806381 | | |
| Developmental analysis | | Cytology | | | |
| Belontiidae | | Mullidae | | | |
| <i>Macropodus opercularis</i> | 804697 | <i>Upeneus prayensis</i> | 803649 | | |
| Cichlidae | | Salmonidae | | | |
| <i>Hemihaplochromis multicolor</i> | 804174 | <i>Oncorhynchus</i> | 806309 | | |
| Spermatogenesis | | <i>Salmo salar</i> | 806309 | | |
| Histology | | Ultrastructure | | | |
| Cyprinodontidae | | Mullidae | | | |
| <i>Fundulus heteroclitus</i> | 806896 | <i>Upeneus prayensis</i> | 803649 | | |
| Experimental analysis | | Cottidae | | | |
| Cyprinodontidae | | <i>Oligocottus maculosus</i> | 804068 | | |
| <i>Fundulus heteroclitus</i> | 806896 | Poecilidae | | | |
| Androgens | | <i>Poecilia reticulata</i> | 807063 | | |
| Experimental analysis | | Development | | | |
| Poecilidae | | Experimental analysis | | | |
| <i>Poecilia reticulata</i> | 804750 | Poecilidae | | | |
| Developmental analysis | | <i>Poecilia sphenops</i> | 806610 | | |
| Cichlidae | | DNA content and function | | | |
| <i>Hemihaplochromis multicolor</i> | 804174 | Biochemistry | | | |
| Change with age | | Salmonidae | | | |
| Histology | | <i>Salmo gairdneri</i> | 803675 | | |
| Poecilidae | | | 804664 | | |
| <i>Poecilia reticulata</i> | 806582 | | | | |

| Reproductive system (continued) | RNA content and function | | Enzymology | |
|------------------------------------|--------------------------------|--------|------------------------------------|--------|
| | Biochemistry | | Biochemistry | |
| | Salmonidae | | Cyprinodontidae | |
| | <i>Salmo gairdneri</i> | 803675 | <i>Fundulus heteroclitus</i> | 805029 |
| | Adenohypophysis | | Adenohypophysis | |
| | Experimental analysis | | Experimental analysis | |
| | Petromyzontomorpha | | Poeciliidae | 804749 |
| | <i>Lampetra fluviatilis</i> | 806305 | <i>Poecilia reticulata</i> | |
| | Poeciliidae | | Androgens | |
| | <i>Poecilia reticulata</i> | 804749 | Biochemistry | |
| | | 808290 | Scyliorhinidae | |
| | Pars distalis | | <i>Scyliorhinus caniculus</i> | 805187 |
| | Experimental analysis | | Experimental analysis | |
| | Petromyzontomorpha | | Poeciliidae | 804750 |
| | <i>Lampetra fluviatilis</i> | 803815 | <i>Poecilia reticulata</i> | |
| | Androgens | | Sexual dimorphism | |
| | Experimental analysis | | Experimental analysis | |
| | Poeciliidae | | Gasterosteidae | |
| | <i>Poecilia reticulata</i> | 804750 | <i>Gasterosteus aculeatus</i> | 809062 |
| | Cyprinidae | | Seasonal sexual coloration | |
| | <i>Carassius auratus</i> | 809079 | Experimental analysis | |
| | Change with age | | Gasterosteidae | |
| | Poeciliidae | | <i>Gasterosteus aculeatus</i> | 809062 |
| | <i>Poecilia reticulata</i> | 806582 | Seasonal changes | |
| | Radioactivity | | Function | |
| | Experimental analysis | | Gasterosteidae | |
| | Oryziatidae | | <i>Gasterosteus aculeatus</i> | 808336 |
| | <i>Oryzias latipes</i> | 804149 | | |
| | | 804353 | Androgens | |
| | | 808990 | Teleostei | 806111 |
| | Radioactive tracers | | Biochemistry | |
| | Experimental analysis | | Function | |
| | Poeciliidae | | Elasmobranchii | 809078 |
| | <i>Poecilia reticulata</i> | 805195 | Teleostei | 809078 |
| | | | Synbranchidae | |
| | Sertoli cells | | <i>Monopterus albus</i> | 804548 |
| | Elasmobranchii | 809078 | Descriptive evolution | |
| | Teleostei | 809078 | Salmonidae | |
| | Cichlidae | | <i>Oncorhynchus nerka</i> | 806077 |
| | <i>Tilapia leucosticta</i> | 804042 | Developmental analysis | |
| | Histology | | Elasmobranchii | 806290 |
| | Function | | Scyliorhinidae | |
| | Poeciliidae | | <i>Scyliorhinus caniculus</i> | 806290 |
| | <i>Poecilia reticulata</i> | 804162 | Teleostei | 806290 |
| | Function | | Effect on fish | |
| | Biochemistry | | Embiotocidae | |
| | Embiotocidae | | <i>Cymatogaster aggregata</i> | 806859 |
| | <i>Cymatogaster aggregata</i> | 803814 | Experimental analysis | |
| | Adenohypophysis | | Poeciliidae | |
| | Experimental analysis | | <i>Poecilia reticulata</i> | 804750 |
| | Poeciliidae | | Anal fin | |
| | <i>Poecilia reticulata</i> | 804749 | Poeciliidae | |
| | Androgens | | <i>Poecilia reticulata</i> | 806867 |
| | Experimental analysis | | Caudal fin | |
| | Poeciliidae | | Poeciliidae | |
| | <i>Poecilia reticulata</i> | 804750 | <i>Xiphophorus</i> | 806492 |
| | Developmental analysis | | Protein synthesis | |
| | Poeciliidae | | Oryziatidae | |
| | <i>Poecilia reticulata</i> | 806561 | <i>Oryzias latipes</i> | 805258 |
| | Interstitial tissue | | Skin | |
| | Petromyzontomorpha | 806303 | Salmonidae | |
| | Elasmobranchii | 809078 | <i>Oncorhynchus nerka</i> | 804542 |
| | Dipnoi | 809078 | Axial skeletal muscles | |
| | Coelacanthini | | Salmonidae | |
| | <i>Latimeria chalumnae</i> | 809078 | <i>Oncorhynchus nerka</i> | 804542 |
| | Teleostei | 809078 | Adenohypophysis | |
| | Cichlidae | | Myxinomorpha | |
| | <i>Tilapia leucosticta</i> | 804042 | <i>Myxine glutinosa</i> | 805150 |
| | Cyprinodontidae | | Thyroid | |
| | <i>Fundulus heteroclitus</i> | 806896 | Bagridae | |
| | Histology | | <i>Myxus vittatus</i> | 804546 |
| | Heteropneustidae | | | 808333 |
| | <i>Heteropneustes fossilis</i> | 805447 | Adrenal cortex | |
| | Biochemistry | | Salmonidae | |
| | Pleuronectidae | | <i>Oncorhynchus nerka</i> | 804542 |
| | <i>Microstomus kitt</i> | 805186 | Ovary | |
| | Ultrastructure | | Cichlidae | |
| | Squalidae | | <i>Hemihaplochromis multicolor</i> | 804174 |
| | <i>Squalus acanthias</i> | 803574 | Testis | |
| | Biochemistry | | Cichlidae | |
| | Experimental analysis | | <i>Hemihaplochromis multicolor</i> | 804174 |
| | Cyprinidae | | Poeciliidae | |
| | <i>Carassius auratus</i> | 804543 | <i>Poecilia reticulata</i> | 806561 |
| | Function | | Seminal vesicles | |
| | Squalidae | | Heteropneustidae | |
| | <i>Squalus acanthias</i> | 803574 | <i>Heteropneustes fossilis</i> | 805705 |
| | Biochemistry | | | 806288 |
| | Embiotocidae | | Sperm duct | |
| | <i>Cymatogaster aggregata</i> | 803814 | Poeciliidae | |
| | Development | | <i>Poecilia reticulata</i> | 806561 |
| | Synbranchidae | | Male genital papilla | |
| | <i>Monopterus albus</i> | 804548 | Oryziatidae | |
| | | | <i>Oryzias latipes</i> | 805259 |

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|------------------------------------|--------|-------------------------------------|--------|------------------------------------|
| Classers | | Acipenseromorpha | 807660 | Reproductive system (continued) |
| Scyliorhinidae | | Acipenser | 807691 | |
| Sexually dimorphic fins | | Huso huso | 804075 | |
| Teleostei | | Teleostei | 804708 | |
| Poeciliidae | | Mugiloidae | 805078 | |
| <i>Poecilia reticulata</i> | 806561 | <i>Liza macrolepis</i> | 805458 | |
| Sexually dimorphic fins | | <i>Mugil saliens</i> | 808300 | |
| Belontiidae | | Nototheniidae | 807663 | |
| <i>Trichogaster leeri</i> | 805840 | Carangidae | | |
| Oryziatidae | | <i>Seriola quinqueradiata</i> | 806587 | |
| <i>Oryzias latipes</i> | 805258 | Cichlidae | | |
| | 805259 | <i>Hemihaplochromis multicolor</i> | 804708 | |
| Poeciliidae | | <i>Tilapia esculenta</i> | 808976 | |
| <i>Xiphophorus</i> | 806492 | <i>Tilapia leucosticta</i> | 804042 | |
| Fry | | <i>Tilapia mossambica</i> | 806116 | |
| Cichlidae | | <i>Tilapia variabilis</i> | 808976 | |
| <i>Hemihaplochromis multicolor</i> | 804174 | Embiotocidae | | |
| Sex reversal | | <i>Cymatogaster aggregata</i> | 806859 | |
| Cichlidae | | Leiognathidae | | |
| <i>Hemihaplochromis multicolor</i> | 805184 | <i>Leiognathus splendens</i> | 804282 | |
| Oryziatidae | | Percidae | | |
| <i>Oryzias latipes</i> | 809080 | <i>Perca fluviatilis</i> | 806440 | |
| Regeneration | | <i>Percina notogramma</i> | 807600 | |
| Poeciliidae | | <i>Percina pelata</i> | 807600 | |
| <i>Poecilia reticulata</i> | 806867 | Sciaenidae | | |
| Activity patterns | | <i>Pseudosciaena coibor</i> | 808586 | |
| Teleostei | 809079 | <i>Pseudosciaena diacanthus</i> | 808570 | |
| Habitat preference | | Serranidae | | |
| Centrarchidae | | <i>Lateolabrax japonicus</i> | 806238 | |
| <i>Lepomis megalotis</i> | 806248 | <i>Morone mississippiensis</i> | 808901 | |
| Aggressive behavior | | <i>Paralabrax clathratus</i> | 807229 | |
| Teleostei | 809079 | Istiophoridae | 807189 | |
| Centrarchidae | | <i>Tetrapterus angustirostris</i> | 808474 | |
| <i>Lepomis gibbosus</i> | 806248 | Scombridae | 808474 | |
| <i>Lepomis megalotis</i> | 806248 | <i>Thunnus</i> | 808147 | |
| Reproduction | | <i>Thunnus albacares</i> | 808279 | |
| Oryziatidae | | <i>Thunnus obesus</i> | 808279 | |
| <i>Oryzias latipes</i> | 805259 | Trichiuridae | | |
| Courtship | | <i>Paradiplaspinus gracilis</i> | 807663 | |
| Teleostei | 809079 | Pleuronectidae | | |
| Mating | | <i>Hippoglossus hippoglossus</i> | 805331 | |
| Oryziatidae | | <i>Reinhardtius hippoglossoides</i> | 807106 | |
| <i>Oryzias latipes</i> | 804345 | Agonidae | | |
| Nest construction | | <i>Agonus cataphractus</i> | 807955 | |
| Teleostei | 809079 | Cottidae | | |
| Centrarchidae | | <i>Cottus beldingi</i> | 808721 | |
| <i>Lepomis gibbosus</i> | 806248 | Scorpaenidae | | |
| <i>Lepomis megalotis</i> | 806248 | Sebastes | 807924 | |
| Parental care of eggs | | Atherinidae | | |
| Teleostei | 809079 | <i>Atherina mochon</i> | 808300 | |
| Milt | | Cyprinodontidae | | |
| Cyprinidae | | <i>Fundulus heteroclitus</i> | 807038 | |
| <i>Carassius auratus</i> | 804543 | Poeciliidae | | |
| Enzymology | | <i>Poecilia reticulata</i> | 804162 | |
| Development | | <i>Xiphophorus helleri</i> | 805035 | |
| Embiotocidae | | Scomberesocidae | | |
| <i>Cymatogaster aggregata</i> | 803814 | <i>Scomberesox saurus</i> | 805337 | |
| Developmental analysis | | Clupeidae | | |
| Cyprinodontidae | | <i>Brevoortia smithi</i> | 804437 | |
| <i>Fundulus heteroclitus</i> | 805029 | <i>Brevoortia tyrannus</i> | 804437 | |
| Intermediary metabolism | | <i>Brevoortia tyrannus X</i> | | |
| Experimental analysis | | <i>Brevoortia smithi X</i> | 804437 | |
| Rajidae | | <i>Clupea harengus</i> | 805063 | |
| <i>Raja radiata</i> | 804428 | | 805301 | |
| | 805169 | | 805305 | |
| Biochemical blood constituents | | | 807733 | |
| Biochemistry | | | 807741 | |
| Rajidae | | | 807897 | |
| <i>Raja radiata</i> | 804538 | | 807898 | |
| Ovarian endocrine tissue | | | 807899 | |
| Enzymology | | | 807900 | |
| Poeciliidae | | | 808050 | |
| <i>Poecilia reticulata</i> | 805174 | | 808053 | |
| Aggressive behavior | | | 808054 | |
| Experimental analysis | | | 808055 | |
| Centrarchidae | | | 808056 | |
| <i>Lepomis gibbosus</i> | 805173 | | 808103 | |
| Cichlidae | | | 808105 | |
| <i>Tilapia mossambica</i> | 805173 | | 808108 | |
| Nest construction | | | 808111 | |
| Experimental analysis | | | 808113 | |
| Centrarchidae | | | 808917 | |
| <i>Lepomis gibbosus</i> | 805173 | | 809060 | |
| Cichlidae | | <i>Ethmalosa fimbriata</i> | 806743 | |
| <i>Tilapia mossambica</i> | 805173 | <i>Opisthonema oglinum</i> | 807033 | |
| Milt | | <i>Sardinella longiceps</i> | 807079 | |
| Developmental analysis | | Engraulidae | | |
| Cyprinidae | | <i>Engraulis ringens</i> | 805701 | |
| <i>Carassius auratus</i> | 804543 | | 808166 | |
| Testicular cycles | | Catostomidae | | |
| Petromyzontomorpha | | <i>Catostomus catostomus</i> | 807422 | |
| <i>Caspiomyzon wagneri</i> | 807755 | Cyprinidae | | |
| Elasmobranchii | 809078 | <i>Abramis brama</i> | 807749 | |

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|------------------------------------|---------------------------------|--------|--------------------------------|--------|
| Reproductive system (continued) | <i>Barbus apleurogramma</i> | 804708 | Captive vs natural fishes | |
| | <i>Barbus kersteni</i> | 804708 | Cichlidae | |
| | <i>Cyprinus carpio</i> | 807749 | <i>Tilapia leuosticta</i> | 805587 |
| | <i>Notropis stramineus</i> | 807832 | Milt | |
| | <i>Rhinichthys atratulus</i> | 807833 | Seasonal changes | |
| | <i>Zacco platypus</i> | 806232 | Cyprinidae | |
| Ariidae | | | <i>Leuciscus cephalus</i> | 806441 |
| | <i>Arius heudeloti</i> | 804552 | Seminal vesicles | |
| Bagridae | | | Teleostei | |
| | <i>Mystus tengara</i> | 804668 | Gobiidae | 809078 |
| Mormyridae | | 803915 | <i>Thorogobius ephippiatus</i> | 805403 |
| Gadidae | | | Adenohypophysis | |
| | <i>Boreogadus saida</i> | 806342 | Experimental analysis | |
| | <i>Gadus morhua</i> | 808035 | Heteropneustidae | |
| | <i>Lota lota</i> | 808091 | <i>Heteropneustes fossilis</i> | 806288 |
| | <i>Micromesistius australis</i> | 806834 | Growth hormone | |
| Merlucciidae | | 807663 | Experimental analysis | |
| | <i>Merluccius merluccius</i> | 808297 | Heteropneustidae | |
| Zoaridae | | | <i>Heteropneustes fossilis</i> | 806288 |
| | <i>Lycodopsis pacifica</i> | 807500 | Prolactin | |
| Argentinidae | | | Heteropneustidae | |
| | <i>Argentina sphyraena</i> | 804534 | <i>Heteropneustes fossilis</i> | 809072 |
| Salmonidae | | | Prolactin | |
| | | 808471 | Experimental analysis | |
| | | 808472 | Heteropneustidae | |
| | | 808982 | <i>Heteropneustes fossilis</i> | 806288 |
| | <i>Oncorhynchus keta</i> | 804119 | Testis | |
| | | 805229 | Experimental analysis | |
| | <i>Oncorhynchus masou</i> | 807116 | Heteropneustidae | |
| | <i>Oncorhynchus nerka</i> | 805939 | <i>Heteropneustes fossilis</i> | 805704 |
| | <i>Prosopium cylindraceum</i> | 807774 | | 805705 |
| | <i>Salmo salar</i> | 806028 | Adenohypophysis | |
| | <i>Salmo trutta</i> | 804048 | Heteropneustidae | |
| | | 805714 | <i>Heteropneustes fossilis</i> | 805704 |
| | <i>Stenodus leucichthys</i> | 806835 | | 805705 |
| | <i>Thymallus thymallus</i> | 805983 | Adrenal cortex | |
| Anatomy | | | Heteropneustidae | |
| | Pangasidae | | <i>Heteropneustes fossilis</i> | 805705 |
| | <i>Pangasius pangasius</i> | 808572 | Androgens | |
| Histology | | | Experimental analysis | |
| | Acipenseromorpha | | Heteropneustidae | |
| | <i>Acipenser gueldenstaedti</i> | 807727 | <i>Heteropneustes fossilis</i> | 805706 |
| | Gobiidae | | | 806228 |
| | <i>Aphia minuta</i> | 807992 | Adenohypophysis | |
| | Cichlidae | | Heteropneustidae | |
| | <i>Tilapia mossambica</i> | 804945 | <i>Heteropneustes fossilis</i> | 805706 |
| | Salmonidae | | Adrenal cortex | |
| | <i>Oncorhynchus gorbusha</i> | 808909 | Heteropneustidae | |
| | | | <i>Heteropneustes fossilis</i> | 805706 |
| Biochemistry | | | Seasonal changes | |
| | Embiotocidae | | Histology | |
| | <i>Cymatogaster aggregata</i> | 803814 | Bagridae | |
| Adaptation | | | <i>Mystus tengara</i> | 804668 |
| | Salmonidae | | Function | |
| | <i>Oncorhynchus</i> | 806309 | Bagridae | |
| | <i>Salmo salar</i> | 806309 | <i>Mystus tengara</i> | 804668 |
| Effect on fish | | | Heteropneustidae | |
| Seasonal sexual coloration | | | <i>Heteropneustes fossilis</i> | 804903 |
| Gasterosteidae | | | Experimental analysis | |
| <i>Gasterosteus aculeatus</i> | 808336 | | Heteropneustidae | |
| Protein content | | | <i>Heteropneustes fossilis</i> | 804903 |
| Channiformes | | | Sperm duct | |
| <i>Channa punctatus</i> | 808994 | | Anatomy | |
| Adenohypophysis | | | Dipnoi | |
| Experimental analysis | | | <i>Neoceratodus forsteri</i> | 806765 |
| Cyprinodontidae | | | Function | |
| <i>Fundulus heteroclitus</i> | 806896 | | Elasmobranchii | |
| Cortisol | | | Teleostei | 809078 |
| Experimental analysis | | | Development | |
| Cyprinodontidae | | | Elasmobranchii | 809078 |
| <i>Fundulus heteroclitus</i> | 806896 | | Teleostei | 809078 |
| Juvenile | | | Function | |
| Salmonidae | | | Experimental analysis | |
| <i>Oncorhynchus masou</i> | 804953 | | Poeciliidae | |
| Ecotypes | | | <i>Poecilia reticulata</i> | 805195 |
| Larva | | | Androgens | |
| Petromyzontomorpha | | | Developmental analysis | |
| <i>Petromyzon marinus</i> | 805966 | | Poeciliidae | |
| Living space | | | <i>Poecilia reticulata</i> | 806561 |
| Experimental analysis | | | Seasonal changes | |
| Cyprinidae | | | Anatomy | |
| <i>Cyprinus carpio</i> | 808245 | | Serranidae | |
| Temperature | | | <i>Lateolabrax japonicus</i> | 806238 |
| Experimental analysis | | | Histology | |
| Gasterosteidae | | | Serranidae | |
| <i>Gasterosteus aculeatus</i> | 805156 | | <i>Lateolabrax japonicus</i> | 806238 |
| Cyprinodontidae | | | Function | |
| <i>Fundulus heteroclitus</i> | 805400 | | Serranidae | |
| | 806896 | | <i>Lateolabrax japonicus</i> | 806238 |
| Light | | | Milt | |
| Experimental analysis | | | Biochemistry | |
| Gasterosteidae | | | Development | |
| <i>Gasterosteus aculeatus</i> | 805156 | | Bagridae | |
| | | | <i>Mystus tengara</i> | 804668 |

| Male genital papilla | | Polynemoidae | | Reproductive system (continued) |
|----------------------------------|--------|----------------------------------|--------|------------------------------------|
| Blenniidae | | <i>Polydactylus plebeius</i> | 804280 | |
| <i>Blennius dalmatinus</i> | 804715 | <i>Polydactylus xanthonemus</i> | 804280 | |
| Gobiidae | | Salmonidae | | |
| <i>Thorogobius ephippiatus</i> | 805403 | <i>Coregonus clupeaformis</i> | 807508 | |
| Anatomy | | Anatomy | | Sexual dimorphism |
| Function | | Bothidae | | |
| Cetopsidae | | <i>Citharichthys cornutus</i> | 807596 | |
| <i>Pseudocetopsis gobioides</i> | 804055 | Histology | | |
| Dorsidae | | Mugiloidae | | |
| <i>Glanidium albescentis</i> | 804055 | <i>Mugil saliens</i> | 807993 | |
| <i>Trachycorystes</i> | 804055 | Serranidae | | |
| Pimelodontidae | | <i>Epinephelus morio</i> | 806260 | |
| <i>Pimelodella</i> | 804055 | Function | | |
| <i>Pimelodella griffini</i> | 804055 | Teleostei | 809080 | |
| Function | | Developmental analysis | | |
| Cichlidae | | Teleostei | 809080 | |
| <i>Tilapia variabilis</i> | 808842 | Change with age | | |
| Progestins | | Serranidae | | |
| Experimental analysis | | <i>Epinephelus morio</i> | 806260 | |
| Oryziatidae | | Histology | | |
| <i>Oryzias latipes</i> | 805259 | Bothidae | | |
| Androgens | | <i>Citharichthys cornutus</i> | 807596 | |
| Experimental analysis | | Development | | |
| Oryziatidae | | Descriptive evolution | | |
| <i>Oryzias latipes</i> | 805259 | Sparidae | 808635 | |
| Copulatory organs | | Descriptive evolution | | |
| Elasmobranchii | | Teleostei | 807927 | |
| Teleostei | | Estrogens | | |
| Embiotocidae | | Experimental analysis | | |
| <i>Ditrema temminckii</i> | 806224 | Synbranchidae | | |
| <i>Ditrema viridis</i> | 806224 | <i>Monopterus albus</i> | 804548 | |
| Auchenipteridae | 807129 | Ovarian cycles | | |
| Penis | | Development | | |
| Clinidae | | Sparidae | 808638 | |
| Auchenipteridae | | Testicular cycles | | |
| <i>Auchenipterus osteomystax</i> | 806918 | Sparidae | 808636 | |
| Ophidiidae | | | 808637 | |
| <i>Aphyonius brevidorsalis</i> | 805709 | Androgens | | |
| <i>Aphyonius gelatinosus</i> | 805709 | Experimental analysis | | |
| <i>Barathronus diaphanus</i> | 805709 | Synbranchidae | | |
| <i>Leucoclamys galathea</i> | 805709 | <i>Monopterus albus</i> | 804548 | |
| <i>Nybelinea erikssoni</i> | 805709 | Testicular cycles | | |
| Development | | Development | | |
| Ophidiidae | | Sparidae | 808638 | |
| <i>Barathronus bicolor</i> | 805709 | Change with age | | |
| Claspers | | Anatomy | | |
| Chimaeromorpha | | Pseudogrammmidae | | |
| <i>Chimaera monstrosa</i> | 804329 | <i>Pseudogrammus bermudensis</i> | 806539 | |
| Anatomy | | Histology | | |
| Rajidae | | Pseudogrammmidae | | |
| <i>Raja miraletus</i> | 806546 | <i>Pseudogrammus bermudensis</i> | 806539 | |
| <i>Raja ocellifera</i> | 806546 | Radioactivity | | |
| Scyliorhinidae | | Experimental analysis | | |
| <i>Galeus piperatus</i> | 805095 | Oryziatidae | | |
| Hexanchiformes | | <i>Oryzias latipes</i> | 807580 | |
| <i>Hexanchus vitulus</i> | 803737 | Seasonal changes | | |
| Function | | Serranidae | | |
| Carcharhinidae | | <i>Serranus hepatus</i> | 807330 | |
| <i>Scoliodon sorrakowah</i> | 808368 | Captive vs natural fishes | | |
| Androgens | | Development | | |
| Developmental analysis | | Anguillidae | | |
| Scyliorhinidae | | <i>Anguilla japonica</i> | 808948 | |
| <i>Scyliorhinus caniculus</i> | 806290 | Synchronous hermaphroditism | | |
| Allometry | | Pseudogrammmidae | | |
| Development | | <i>Pseudogrammus bermudensis</i> | 806539 | |
| Scyliorhinidae | | Protogynous hermaphroditism | | |
| <i>Scyliorhinus caniculus</i> | 806518 | Serranidae | | |
| Gonopodium | | <i>Epinephelus morio</i> | 806260 | |
| Poeciliidae | | Sparidae | | |
| <i>Xiphophorus clemenciae</i> | 807184 | <i>Sparus caeruleostictus</i> | 805663 | |
| <i>Xiphophorus couchianus</i> | 807184 | <i>Spondylisoma cantharus</i> | 805663 | |
| <i>Xiphophorus helleri</i> | 807184 | Experimental analysis | | |
| Abnormality | | Synbranchidae | | |
| Poeciliidae | | <i>Monopterus albus</i> | 804548 | |
| <i>Xiphophorus helleri</i> | 805790 | Adaptive evolution | | |
| Developmental analysis | | Emmellichthyidae | | |
| Androgens | | <i>Maena smar</i> | 807657 | |
| Poeciliidae | | Protandrous hermaphroditism | | |
| <i>Poecilia reticulata</i> | 806561 | Sparidae | | |
| Regeneration | | <i>Dentex macrophthalmus</i> | 805663 | |
| Experimental analysis | | <i>Mylio macrocephalus</i> | 805619 | |
| Poeciliidae | | <i>Pagellus acarne</i> | 805663 | |
| <i>Poecilia reticulata</i> | 806867 | Polynemoidae | | |
| Spermatophore | | <i>Polydactylus sextarius</i> | 804280 | |
| Ophidiidae | | Ovarian cycles | | |
| Hermaphroditic gonads | | Testicular cycles | | |
| | | Sparidae | 808636 | |
| | | | 808637 | |
| Gerreidae | | Sexual dimorphism | | |
| <i>Gerres oyna</i> | 804287 | Labridae | | |
| Sparidae | | <i>Labrichthys ornatus</i> | 804183 | |
| <i>Pagrus ehrenbergi</i> | 805663 | Centrarchidae | | |
| | | <i>Lepomis macrochirus</i> | 804762 | |

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|------------------------------------|-------------------------------------|--------|--------------------------------------|--------|
| Reproductive system (continued) | Percidae | | <i>Hippoglossoides platessoides</i> | 807417 |
| | <i>Percina evides</i> | 807000 | <i>Hippoglossus hippoglossus</i> | 805331 |
| | <i>Stizostedion lucioperca</i> | 806591 | <i>Lepidopsetta bilineata</i> | 807906 |
| Sexual dimorphism | Pomacentridae | | <i>Limanda aspera</i> | 804116 |
| | <i>Dasyllus carneus</i> | 804023 | <i>Limanda ferruginea</i> | 807860 |
| | Dactyloscopidae | | <i>Parophrys vetulus</i> | 805945 |
| | <i>Dactyloscopus byersi</i> | 807571 | | 805946 |
| | Bothidae | 808003 | | 805947 |
| | <i>Citharichthys cornutus</i> | 807596 | <i>Platichthys flesus</i> | 805334 |
| | Cyprinodontidae | | <i>Pleuronectes platessa</i> | 805332 |
| | <i>Procatopus aberrans</i> | 804170 | <i>Pseudopleuronectes americanus</i> | 807860 |
| | <i>Procatopus nototaenia</i> | 804170 | Agonidae | |
| | Cyprinidae | | <i>Agonus cataphractus</i> | 807955 |
| | <i>Barbus kolos</i> | 808571 | Hexagrammidae | |
| | Ictaluridae | | <i>Ophiodon elongatus</i> | 807904 |
| | <i>Noturus</i> | 807152 | Scorpaenidae | |
| | Gobiesociformes | | <i>Sebastes mentella</i> | 807713 |
| | <i>Derilissus nanus</i> | 807594 | Cyprinodontidae | |
| | Aplocheilichthys | | <i>Fundulus catenatus</i> | 804862 |
| | <i>Lovettia seali</i> | 807632 | <i>Fundulus stellifer</i> | 804862 |
| | Galaxiidae | 807632 | Poeciliidae | |
| | Retroppinnidae | 807632 | <i>Gambusia affinis</i> | 806635 |
| | Salmonidae | | <i>Xiphophorus helleri</i> | 805035 |
| | <i>Prosopium cylindraceum</i> | 807774 | Clupeidae | |
| | Stomiidae | | <i>Alosa aestivalis</i> | 806635 |
| | <i>Stomias</i> | 808749 | <i>Alosa pseudoharengus</i> | 807861 |
| | Function | | <i>Caspialosa kessleri</i> | 807679 |
| | Cichlidae | | Engraulidae | |
| | <i>Tilapia</i> | 804920 | <i>Engraulis mordax</i> | 807890 |
| | Body form | | Anguillidae | |
| | Pleuronectidae | | <i>Anguilla australis</i> | 804559 |
| | <i>Reinhardtius hippoglossoides</i> | 807767 | | 804829 |
| | Meristius | | <i>Anguilla dieffenbachii</i> | 804559 |
| | Salmonidae | | | 804829 |
| | <i>Oncorhynchus nerka</i> | 808747 | Characidae | |
| | Pars distalis | | <i>Alestes baremoze</i> | 808021 |
| | Experimental analysis | | <i>Alestes macrophthalmus</i> | 804392 |
| | Petromyzontomorpha | | Catostomidae | |
| | <i>Lampetra fluviatilis</i> | 803815 | Cyprinidae | |
| | Ectogens | | <i>Abramis brama</i> | 806416 |
| | Experimental analysis | | | 807709 |
| | Teleostei | 809080 | | 807749 |
| | Cichlidae | | <i>Barbus kersteni</i> | 804708 |
| | <i>Hemihaplochromis multicolor</i> | 804174 | <i>Blicca bjoerkna</i> | 807291 |
| | Interstitial tissue | | <i>Cyprinus carpio</i> | 804444 |
| | Experimental analysis | | <i>Gobio gobio</i> | 805342 |
| | Gasterosteidae | | <i>Leuciscus cephalus</i> | 805963 |
| | <i>Gasterosteus aculeatus</i> | 809062 | <i>Leuciscus leuciscus</i> | 805963 |
| | Androgens | | <i>Varicorhinus capota</i> | 807734 |
| | Experimental analysis | | Ariidae | |
| | Teleostei | 809080 | <i>Osteogobius militaris</i> | 808577 |
| | Cichlidae | | Ictaluridae | |
| | <i>Hemihaplochromis multicolor</i> | 804174 | <i>Hiodontidae</i> | |
| | Population density | | <i>Hiidon alosoides</i> | 806635 |
| | Experimental analysis | | Gadidae | |
| | Gasterosteidae | | <i>Boreogadus saida</i> | 806342 |
| | <i>Gasterosteus aculeatus</i> | 809062 | <i>Lota lota</i> | 806635 |
| | Sexually dimorphic size | | <i>Micromesistius poutassou</i> | 808045 |
| | Petromyzontomorpha | | Zoaridae | |
| | <i>Caspiomyzon wagneri</i> | 807755 | <i>Lycodopsis pacifica</i> | 807500 |
| | <i>Lampetra mariae</i> | 807664 | Percopsidae | |
| | <i>Lampetra planeri</i> | 807664 | <i>Percopsis omiscomaycus</i> | 806635 |
| | Dasyatidae | | Esocidae | |
| | <i>Dasyatis centroura</i> | 804187 | <i>Esox lucius</i> | 808801 |
| | Rajidae | | | 808802 |
| | <i>Raja georgiana</i> | 807663 | Umbridae | |
| | Acipenseromorpha | 806635 | Salmonidae | |
| | Anisomorpha | | <i>Coregonus peled</i> | 806635 |
| | <i>Amia calva</i> | 806635 | <i>Oncorhynchus tshawytscha</i> | 807668 |
| | Semionotomorpha | 806635 | <i>Salmo gairdneri</i> | 808657 |
| | Anarhichadidae | 806559 | <i>Salmo mykiss</i> | 807521 |
| | Mugiloidae | | <i>Salmo penshinensis</i> | 807714 |
| | <i>Mugil cephalus</i> | 806236 | <i>Salmo trutta</i> | 804048 |
| | Cichlidae | 804217 | <i>Salvelinus alpinus</i> | 805541 |
| | Percidae | | <i>Stenodus leucichthys</i> | 806835 |
| | <i>Percu fluviatilis</i> | 804896 | | |
| | <i>Stizostedion canadense</i> | 804525 | Experimental analysis | |
| | <i>Stizostedion vitreum</i> | 803586 | Ictaluridae | |
| | | 808802 | <i>Ictalurus melas</i> | 807779 |
| | Sciaenidae | | Descriptive evolution | |
| | <i>Cynoscion petranus</i> | 804304 | Protogynous hermaphroditism | |
| | <i>Pseudotolithus senegalensis</i> | 806750 | Teleostei | |
| | | 808648 | Protandrous hermaphroditism | |
| | Serranidae | | Teleostei | 807927 |
| | <i>Epinephelus morio</i> | 806260 | Age at maturity | |
| | Sparidae | | Polymorphism | |
| | <i>Stenotomus chrysops</i> | 807558 | Salmonidae | |
| | Istiophoridae | | <i>Salvelinus leucomaenis</i> | 807768 |
| | <i>Makaira nigricans</i> | 807932 | Sexually dimorphic body form | |
| | Scombridae | | Syngnathidae | |
| | <i>Thunnus alalunga</i> | 808652 | <i>Syngnathus scovelli</i> | 807017 |
| | Trichuridae | | Cottidae | |
| | <i>Lepidopus caudatus</i> | 808130 | <i>Cottus gobio</i> | 804053 |
| | Pleuronectidae | 807904 | <i>Cottus poecilopus</i> | 804053 |

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| Function | | Experimental analysis | | |
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| <i>Lycodopsis pacifica</i> | 807500 | Cyprinodontidae | | |
| Permanent sexual coloration | | <i>Fundulus catenatus</i> | 804862 | |
| Gobiidae | 808791 | <i>Fundulus stelleri</i> | 804862 | |
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| <i>Pseudotropheus fuscus</i> | 806134 | Percidae | 806868 | |
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| <i>Poecilia reticulata</i> | 804750 | Clinidae | | |
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| Catostomidae | | <i>Xiphophorus</i> | 806492 | |
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| Experimental analysis | | Pantodontidae | | |
| Gasterosteidae | | <i>Pantodon buchholzi</i> | 804528 | |
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| Adaptive evolution | | Cyprinidae | | |
| Inheritance | | <i>Zacco platypus</i> | 806232 | |
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| Gasterosteidae | | Pectoral fins | | |
| <i>Gasterosteus aculeatus</i> | 808336 | Cobitidae | | |
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| Cyclopteridae | | <i>Xiphophorus</i> | 807184 | |
| <i>Eumicrotremus orbis</i> | 807553 | Androgens | | |
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| | | <i>Trichogaster leeri</i> | 805840 | |

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| | <i>Pagrus pagrus</i> | 805663 | <i>Pleuronectes platessa</i> | 804860 |
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| | Salmonidae | | <i>Fundulus similis</i> | 803947 |
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| | Age at maturity | | <i>Gymnothorax nigromarginatus</i> | 808400 |
| | Salmonidae | | Catostomidae | |
| | <i>Oncorhynchus tshawytscha</i> | 807777 | <i>Moostoma carinatum</i> | 804165 |
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| | <i>Salmo gairdneri</i> | 804446 | <i>Pangasius sutchi</i> | 808634 |
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| | Salmonidae | | <i>Merluccius gayi</i> | 808165 |
| | <i>Coregonus lavaretus</i> | 807655 | Esocidae | |
| | Biochemical sex differences | | <i>Esox lucius</i> | 807651 |
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| | <i>Leiognathus splendens</i> | 804282 | <i>Retropinna semoni</i> | 808295 |
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| | Osmeridae | | <i>Osmerus eperlanus</i> | 808647 |
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| | DNA content and function | | Temperature | |
| | Migrations | | Esocidae | |
| | Salmonidae | | <i>Esox lucius</i> | 806310 |
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| | RNA content and function | | <i>Osmerus eperlanus</i> | 806310 |
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| | Hemoglobin | | <i>Platichthys flesus</i> | 803666 |
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| | Salmonidae | | Cyprinidae | |
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| | Seasonal changes | | Cyprinidae | |
| | Cyprinidae | | <i>Leuciscus cephalus</i> | 806441 |
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| | Androgens | | Organogenesis | |
| | Intermediary metabolism | | Acipenseromorpha | |
| | Rajidae | | <i>Acipenser nudiventris</i> | 806311 |
| | <i>Raja radiata</i> | 804428 | <i>Acipenser stellatus</i> | 806311 |
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| | <i>Salmo trutta</i> | 805714 | Experimental analysis | |
| | Carotenoids | | Salmonidae | |
| | Fat requirements | | <i>Coregonus peled</i> | 804442 |
| | Experimental analysis | | <i>Oncorhynchus nerka</i> | 807260 |
| | Salmonidae | | <i>Salmo salar</i> | 804442 |
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| | Agonidae | | Cyprinidae | 805894 |
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| | Poeciliidae | | <i>Esox lucius</i> | 805894 |
| | <i>Poecilia reticulata</i> | 804360 | Oxygen deficiencies in habitat | |
| | Catostomidae | | Experimental analysis | |
| | <i>Catostomus platyrhynchus</i> | 807795 | Esocidae | |
| | Salmonidae | | <i>Esox lucius</i> | 807758 |
| | <i>Oncorhynchus keta</i> | 808487 | Amino acids | |
| | Gerontological pathologies | | Biochemistry | |
| | Cyprinodontidae | | Salmonidae | |
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| | General embryology | | Salmonidae | |
| | Myximomorpha | | <i>Salvelinus fontinalis</i> | 806734 |
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| | Acipenseromorpha | 809081 | Change with age | |
| | | 807683 | Biochemistry | |
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| | Teleostei | 805020 | <i>Misgurnus fossilis</i> | 808998 |
| | | 807683 | Pactamycin | |
| | | 809081 | Protein synthesis | |
| | Gobiidae | | Experimental analysis | |
| | <i>Gobius niger</i> | 805128 | Cyprinodontidae | |
| | Centrarchidae | | <i>Fundulus heteroclitus</i> | 806793 |
| | <i>Lepomis macrochirus</i> | 807867 | RNA content and function | |
| | <i>Lepomis macrochirus X</i> | | Cyprinodontidae | |
| | <i>Lepomis gibbosus X</i> | 807867 | <i>Fundulus heteroclitus</i> | 806793 |

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| Change with age | | Teleostei | 804441 | | | (continued) |
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| Cobitidae | | Biochemistry | | | | |
| <i>Misgurnus fossilis</i> | 809092 | Acipenseromorpha | | | | |
| Egg | | <i>Acipenser gueldenstaedti</i> | 807703 | | | |
| Scyliorhinidae | | Experimental analysis | | | | |
| <i>Galeus piperatus</i> | 805095 | Acipenseromorpha | | | | |
| <i>Paraturus xanthurus</i> | 807206 | <i>Acipenser gueldenstaedti</i> | 807703 | | | |
| Syngnathidae | | Fertilization | | | | |
| <i>Syngnathus spicifer</i> | 805591 | Developmental analysis | | | | |
| Pomacentridae | 806977 | Acipenseromorpha | | | | |
| Serranidae | | <i>Acipenser stellatus</i> | 804004 | | | |
| <i>Epinephelus morio</i> | 806260 | Oxidative metabolism | | | | |
| Pleurocentridae | | Oryziatidae | | | | |
| <i>Samaris cristatus</i> | 804137 | <i>Oryzias latipes</i> | 808004 | | | |
| Cyclopteridae | | Seasonal abundance | | | | |
| <i>Eumicrotremus orbis</i> | 807553 | Argentinidae | | | | |
| Scorpaenidae | | <i>Argentina sphyraena</i> | 804534 | | | |
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| <i>Menidia extensa</i> | 807835 | <i>Trinectes maculatus</i> | 806872 | | | |
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| <i>Fundulus similis</i> | 803947 | Perciformes | 804553 | | | |
| Engraulidae | | Centropomidae | | | | |
| <i>Anchoviella guineensis</i> | 806744 | <i>Lates niloticus</i> | 804553 | | | |
| <i>Thirra kammalensis</i> | 803746 | Pheromones | | | | |
| Pantodontidae | | Immunological analysis | | | | |
| <i>Pantodon buchholzi</i> | 804528 | Acipenseromorpha | | | | |
| Histology | | <i>Acipenser gueldenstaedti</i> | 803817 | | | |
| Development | | <i>Acipenser stellatus</i> | 803817 | | | |
| Acipenseromorpha | | Aminotransferases | | | | |
| <i>Acipenser ruthenus</i> | 804942 | Enzymology | | | | |
| <i>Huso huso</i> | 804942 | Biochemistry | | | | |
| Ultrastructure | | Clupeidae | | | | |
| Cyprinidae | | <i>Clupea harengus</i> | 809089 | | | |
| <i>Carassius auratus</i> | 804943 | Gadidae | | | | |
| Esocidae | | <i>Gadus morhua</i> | 809089 | | | |
| <i>Esox lucius</i> | 803736 | <i>Melanogrammus aeglefinus</i> | 809089 | | | |
| Identification | | Salmonidae | | | | |
| Gobiidae | | <i>Salmo salar</i> | 809089 | | | |
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| <i>Stizostedion canadense</i> | 804525 | Salmonidae | | | | |
| Vertical distribution | | <i>Oncorhynchus nerka</i> | 807115 | | | |
| Clupeidae | 804656 | Artificial rearing environments | | | | |
| Seasonal abundance | 804656 | Salmonidae | | | | |
| Clupeidae | | <i>Oncorhynchus nerka</i> | 807115 | | | |
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| Ultrastructure | | Perciformes | 804553 | | | |
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| <i>Euthynnus pelamis</i> | 803510 | <i>Fundulus kansae</i> | 807834 | | | |
| Protein content | | Clupeidae | | | | |
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| <i>Oncorhynchus gorbuscha</i> | 803882 | <i>Clupea harengus</i> | 805981 | | | |
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| Salmonidae | | <i>Stolephorus zollingeri</i> | 807694 | | | |
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| Biochemistry | | <i>Cyprinus carpio</i> | 807690 | | | |
| Belontiidae | | <i>Oxygaster bacaila</i> | 806901 | | | |
| <i>Trichogaster trichopterus</i> | 804816 | <i>Rhinichthys atratulus</i> | 807833 | | | |
| Developmental analysis | | Ariidae | | | | |
| Salmonidae | 804956 | <i>Arius heudeloti</i> | 804552 | | | |
| DNA content and function | | Mormyridae | | | | |
| Experimental analysis | | <i>Petrocephalus</i> | 808970 | | | |
| Cobitidae | | Salmonidae | | | | |
| <i>Misgurnus fossilis</i> | 807728 | <i>Salmo salar</i> | 807874 | | | |
| Radioactivity | | Developing egg | | | | |
| Cobitidae | | Change with age | | | | |
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| RNA content and function | | <i>Hippoglossoides classodon</i> | 808867 | | | |
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| Cobitidae | | Percidae | | | | |
| <i>Misgurnus fossilis</i> | 807728 | <i>Stizostedion vitreum</i> | 807460 | | | |
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| Cobitidae | | Change with age | | | | |
| <i>Misgurnus fossilis</i> | 807728 | Salmonidae | | | | |
| Oxidative metabolism | | <i>Salmo gairdneri</i> | 806080 | | | |
| Biochemistry | | Intraspecific variation | | | | |
| Salmonidae | | Clupeidae | | | | |
| <i>Salmo salar</i> | 803963 | <i>Clupea harengus</i> | 805516 | | | |
| Coloration | | Fecundity | | | | |
| Polymorphism | | Teleostei | 809081 | | | |
| Pomacentridae | | Seasonal changes | | | | |
| <i>Abudefduf saxatilis</i> | 804919 | Clupeidae | | | | |
| | | <i>Sardina pilchardus</i> | 804529 | | | |

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| Ontogeny (continued) | Natural mortality | | Sperm | Anatomy | |
| | Experimental analysis | | | Function | |
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| | Experimental analysis | | | <i>Oryzias latipes</i> | 808004 |
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| | <i>Salmo trutta</i> | 805967 | | Poeciliidae | |
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| | Ultrastructure | | | <i>Cyprinus carpio</i> | 804157 |
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| | <i>Amia calva</i> | 803955 | | <i>Esox lucius</i> | 804157 |
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| | <i>Lepisosteus osseus</i> | 803955 | | Cottidae | |
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| | Biochemistry | | | Cytology | |
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| | <i>Amia calva</i> | 804682 | | Esocidae | |
| | Semionotomorpha | | | <i>Esox lucius</i> | 807880 |
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| | Development | | | <i>Salmo clarki</i> | 807880 |
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| | <i>Xenentodon cancila</i> | 804645 | | <i>Esox lucius</i> | 807880 |
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| | <i>Pseudorasbora pumila</i> | 805073 | | <i>Salmo clarki</i> | 807880 |
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| | Esocidae | | | Biochemistry | |
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| | Heteropneustidae | | | Cytology | |
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| | Salmonidae | | | <i>Salmo gairdneri</i> | 807431 |
| | <i>Salmo gairdneri</i> | 807247 | | Cytological preparation | |
| | Development | | | Staining | |
| | Salmonidae | | | Salmonidae | |
| | <i>Salmo gairdneri</i> | 807247 | | <i>Salmo clarki</i> | 808536 |
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| | <i>Huso huso</i> | 804942 | | Carcharhinidae | |
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| | Teleostei | 808004 | | Immunological analysis | |
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| Egg overripeness | | | | Acipenseromorpha | |
| | Experimental analysis | | | <i>Acipenser gueldenstaedti</i> | 803817 |
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| <i>Oryzias latipes</i> | 804213 | | | <i>Clupea harengus</i> | 805981 |
| Viviparity | | | | Vertical distribution | |
| Ovary | | | | Sciaenidae | |
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| Chorion | | | | Experimental analysis | |
| Ultrastructure | | | | Pleuronectidae | |
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| Polyspermy | | | | Experimental analysis | |
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| Ultrastructure | | | | <i>Hippoglossoides elassodon</i> | 807914 |
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| Muraenidae | | <i>Morone chrysops</i> | 808139 |
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| | Larval hydrostatic mechanisms | | | | |
| | Teleostei | | 809081 | | |
| | Larval cement glands | | | | |
| | Cichlidae | | | | |
| | <i>Geophagus jurupari</i> | | 804217 | | |
| | Metamorphosis | | | | |
| | Teleostei | | 809081 | | |
| | Holocentridae | | 807210 | | |
| | Acanthuridae | | 805679 | | |
| | Lophidae | | | | |
| | <i>Lophius piscatorius</i> | | 806515 | | |
| | Function | | | | |
| | Experimental analysis | | | | |
| | Teleostei | | 805885 | | |
| | Experimental analysis | | | | |
| | Petromyzontomorpha | | 805885 | | |
| | Effect on fish | | | | |
| | Rheotaxis | | | | |
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| | Pineal | | | | |
| | Experimental analysis | | | | |
| | Petromyzontomorpha | | 804415 | | |
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| | Clupeidae | | | | |
| | <i>Opisthonema oglinum</i> | | 807848 | | |
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| | Petromyzontomorpha | | 809030 | | |
| | <i>Ichthyomyzon bdellium</i> | | | | |
| | Critical period | | | | |
| | Sparidae | | | | |
| | <i>Mylio macrocephalus</i> | | 805619 | | |
| | Experimental analysis | | | | |
| | Centrarchidae | | | | |
| | <i>Micropterus salmoides</i> | | 807825 | | |
| | Fry | | | | |
| | Characidae | | | | |
| | <i>Metynnis schreimueelleri</i> X | | | | |
| | <i>Mylossoma argenteum</i> X | | 803505 | | |
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| | Cyprinodontidae | | | | |
| | <i>Fundulus similis</i> | | 803947 | | |
| | Coloration | | | | |
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| | Salmonidae | | | | |
| | <i>Salmo gairdneri</i> | | 803883 | | |
| | Change with age | | | | |
| | Pangasiidae | | | | |
| | <i>Pangasius pangasius</i> | | 808572 | | |
| | Yolk sac | | | | |
| | Effect on fish | | | | |
| | Swimming endurance | | | | |
| | Salmonidae | | | | |
| | <i>Oncorhynchus tshawytscha</i> | | 807826 | | |
| | Maintenance energy requirements | | | | |
| | Change with age | | | | |
| | Centrarchidae | | | | |
| | <i>Micropterus salmoides</i> | | 807825 | | |
| | Age at maturity | | | | |
| | Lethrinidae | | 807887 | | |
| | <i>Lethrinus lentjan</i> | | 808583 | | |
| | Sciaenidae | | | | |
| | <i>Aplodinotus grunniens</i> | | 807789 | | |
| | <i>Pseudosciaena coibor</i> | | 808586 | | |
| | <i>Pseudolithus senegalensis</i> | | 808648 | | |
| | Sparidae | | | | |
| | <i>Stenotomus chrysops</i> | | | 807562 | |
| | Pleuronectidae | | | | |
| | <i>Eopsetta jordani</i> | | | 807904 | |
| | <i>Lepidopsetta bilineata</i> | | | 807904 | |
| | <i>Parophrys vetulus</i> | | | 807904 | |
| | <i>Platichthys flesus</i> | | | 807769 | |
| | Hexagrammidae | | | | |
| | <i>Ophiodon elongatus</i> | | | 807904 | |
| | Clupeidae | | | | |
| | <i>Alosa aestivalis</i> | | | 807861 | |
| | <i>Alosa kessleri</i> | | | 807748 | |
| | <i>Alosa pseudoharengus</i> | | | 807861 | |
| | Calostomidae | | | | |
| | <i>Calostomus platyrhynchus</i> | | | 807795 | |
| | Cyprinidae | | | | |
| | <i>Abramis ballerus</i> | | | 807693 | |
| | <i>Abramis brama</i> | | | 807648 | |
| | <i>Rhinichthys atratulus</i> | | | 807709 | |
| | <i>Rhinichthys atratulus</i> | | | 807833 | |
| | Gadidae | | | | |
| | <i>Gadus macrocephalus</i> | | | 807904 | |
| | <i>Gadus morhua</i> | | | 808031 | |
| | <i>Gadus morhua</i> | | | 808085 | |
| | Esocidae | | | | |
| | <i>Esox lucius</i> | | | 808025 | |
| | Salmonidae | | | | |
| | <i>Coregonus peled</i> | | | 807668 | |
| | <i>Prosopium cylindraceum</i> | | | 808241 | |
| | Effect on fish | | | 807774 | |
| | Biochemical blood constituents | | | | |
| | Salmonidae | | | | |
| | <i>Oncorhynchus tshawytscha</i> | | | 807777 | |
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| | Salmonidae | | | | |
| | <i>Coregonus nasus</i> | | | 807666 | |
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| | Percidae | | | | |
| | <i>Stizostedion vitreum</i> | | | 807460 | |
| | Gadidae | | | | |
| | <i>Gadus morhua</i> | | | 807541 | |
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| | Cichlidae | | | | |
| | <i>Tilapia</i> | | | 808468 | |
| | Life span | | | 807887 | |
| | Petromyzontomorpha | | | | |
| | <i>Caspiomyzon wagneri</i> | | | 807755 | |
| | <i>Lampetra mariae</i> | | | 807664 | |
| | Gasterosteidae | | | | |
| | <i>Gasterosteus wheatlandi</i> | | | 807473 | |
| | Blenniidae | | | 806057 | |
| | Clinidae | | | 806057 | |
| | Pholididae | | | 806057 | |
| | Gobiidae | | | 806057 | |
| | <i>Thorogobius ephippiatus</i> | | | 805403 | |
| | Labridae | | | | |
| | <i>Pimelometopon pulchrum</i> | | | 807188 | |
| | <i>Pimelometopon pulchrum</i> | | | 807190 | |
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| | <i>Trachurus symmetricus</i> | | | 807190 | |
| | Cichlidae | | | | |
| | <i>Tilapia mossambica</i> | | | 807710 | |
| | Percidae | | | | |
| | <i>Stizostedion vitreum</i> | | | 807178 | |
| | Sciaenidae | | | | |
| | <i>Geryonemus lineatus</i> | | | 807190 | |
| | <i>Pseudolithus elongatus</i> | | | 805648 | |
| | <i>Pseudolithus senegalensis</i> | | | 805648 | |
| | <i>Pseudolithus typus</i> | | | 805648 | |
| | Serranidae | | | | |
| | <i>Epinephelus itajara</i> | | | 805194 | |
| | <i>Stereolepis gigas</i> | | | 807190 | |
| | Sparidae | | | | |
| | <i>Pagellus bogaraveo</i> | | | 806838 | |
| | Sphyraenidae | | | | |
| | <i>Sphyraena argentea</i> | | | 807190 | |
| | Pleuronectidae | | | | |
| | <i>Eopsetta jordani</i> | | | 807904 | |
| | <i>Isopsetta isolepis</i> | | | 807904 | |
| | <i>Lepidopsetta bilineata</i> | | | 807904 | |
| | <i>Parophrys vetulus</i> | | | 806057 | |
| | Cyprinidae | | | | |
| | Hexagrammidae | | | | |
| | <i>Ophiodon elongatus</i> | | | 807904 | |
| | Scorpaenidae | | | | |
| | <i>Scorpaena guttata</i> | | | 807190 | |
| | <i>Sebastes</i> | | | 807190 | |
| | <i>Sebastes mentella</i> | | | 804333 | |
| | Atherinidae | | | | |
| | <i>Atherina boyeri</i> | | | 806418 | |
| | <i>Atherina hepsetus</i> | | | 806418 | |
| | <i>Atherina presbyter</i> | | | 806418 | |
| | <i>Menidia extensa</i> | | | 807835 | |

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|-------------------------------------|--------|------------------------------------|--------|-------------|
| Cyprinodontidae | | Neuroendocrine system | | Ontogeny |
| <i>Cynolebias bellotti</i> | 804135 | Change with age | | (continued) |
| Oryziatidae | 808499 | Gobiidae | | |
| <i>Oryzias latipes</i> | 804136 | <i>Leucopsarion petersi</i> | 805492 | |
| Clupeidae | | Change with age | | Growth |
| <i>Alosa aestivalis</i> | 807861 | Hemodynamics | | |
| <i>Alosa pseudoharengus</i> | 807861 | Biochemical sex differences | | |
| <i>Clupea harengus</i> | 808047 | Salmonidae | | |
| Cyprinidae | | <i>Salmo gairdneri</i> | 804446 | |
| <i>Cyprinus carpio</i> | 806040 | Growth | | |
| <i>Gila robusta</i> | 807187 | Thyroid hormone | | |
| <i>Notropis stramineus</i> | 807794 | Experimental analysis | | |
| <i>Ptychocheilus lucius</i> | 807832 | Acipenseromorpha | 809073 | |
| Gadidae | 807794 | Teleostei | 809073 | |
| <i>Gadus macrocephalus</i> | 807904 | Mathematical growth analysis | 807127 | |
| <i>Lota lota</i> | 806834 | | 807371 | |
| Gobiiosciiformes | 806057 | Teleostei | 807535 | |
| Esocidae | | | 804448 | |
| <i>Esox lucius</i> | 808025 | Anarhichadidae | 806110 | |
| Galaxiidae | 804508 | Centrarchidae | 806559 | |
| Salmonidae | | <i>Micropterus salmoides</i> | 804554 | |
| <i>Coregonus nasus</i> | 807491 | Serranidae | | |
| <i>Salmo salar</i> | 807440 | <i>Epinephelus morio</i> | 806260 | |
| | 807455 | Polynemoidae | | |
| Eye | | <i>Eleutheronema tetradactylus</i> | 807536 | |
| Experimental analysis | | Scombridae | | |
| Gasterosteidae | | <i>Euthynnus pelamis</i> | 808278 | |
| <i>Gasterosteus aculeatus</i> | 808412 | Pleuronectidae | | |
| Characidae | | <i>Eopsetta jordani</i> | 804448 | |
| <i>Hemigrammus caudovittatus</i> | 808412 | <i>Pleuronectes platessa</i> | 807546 | |
| Cyprinidae | | Clupeidae | 806916 | |
| <i>Phoxinus phoxinus</i> | 808412 | <i>Hilsa ilisha</i> | 807536 | |
| Neuroendocrine environment reaction | | <i>Sardinops sagax</i> | 807350 | |
| Salmonidae | | Bagridae | | |
| <i>Oncorhynchus</i> | 805368 | <i>Bagrus docmac</i> | 808978 | |
| Adenohypophysis | | Gadidae | | |
| Experimental analysis | | <i>Gadus morhua</i> | 804448 | |
| Petromyzontomorpha | | <i>Melanogrammus aeglefinus</i> | 807350 | |
| <i>Lampetra fluviatilis</i> | 806305 | Harpadontidae | | |
| Pars distalis | | <i>Harpadon nehereus</i> | 806064 | |
| Experimental analysis | | Salmonidae | | |
| Petromyzontomorpha | | <i>Oncorhynchus keta</i> | 804954 | |
| <i>Lampetra fluviatilis</i> | 803815 | <i>Oncorhynchus nerka</i> | 807350 | |
| Gerontological pathologies | | <i>Salvelinus namaycush</i> | 807257 | |
| Experimental analysis | | Fecundity | 807350 | |
| Salmonidae | | Salmonidae | | |
| <i>Oncorhynchus gorbuscha</i> | 808379 | Fishery dynamics | 807647 | |
| Post-spawning | | Maximum yield | | |
| Salmonidae | | Scale age study | 807493 | |
| <i>Oncorhynchus keta</i> | 807669 | Percidae | | |
| Senescence | | <i>Perca fluviatilis</i> | 808352 | |
| Oryziatidae | | <i>Stizostedion</i> | 808352 | |
| <i>Oryzias latipes</i> | 804136 | <i>Stizostedion lucioperca</i> | 807689 | |
| Ovary | | Cyprinidae | 808352 | |
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| <i>Poecilia reticulata</i> | 809000 | <i>Rutilus rutilus</i> | 807689 | |
| Collagen | | Esocidae | | |
| Biochemistry | | <i>Esox lucius</i> | 808352 | |
| Cyprinodontidae | | Rate of growth | 807887 | |
| <i>Cynolebias bellotti</i> | 804135 | Petromyzontomorpha | 806635 | |
| Sex reversal | | <i>Petromyzon marinus</i> | 804722 | |
| Poeciliidae | | | 805642 | |
| <i>Xiphophorus helleri</i> | 805035 | Acipenseromorpha | 808027 | |
| Abnormality | | Acipenser | 806635 | |
| Experimental analysis | | <i>Acipenser gueldenstaedti</i> | 807691 | |
| Teleostei | 809080 | <i>Acipenser ruthenus</i> | 805559 | |
| Estrogens | | <i>Acipenser ruthenus X</i> | 805559 | |
| Experimental analysis | | <i>Acipenser gueldenstaedti X</i> | 805559 | |
| Teleostei | 809080 | <i>Acipenser stellatus</i> | 807706 | |
| Oryziatidae | | | | |
| <i>Oryzias latipes</i> | 804357 | Amiromorpha | | |
| Salmonidae | | <i>Amia calva</i> | 806635 | |
| <i>Salmo trutta</i> | 808865 | Semionotomorpha | 806635 | |
| Androgens | | Berycidae | | |
| Experimental analysis | | <i>Beryx splendens</i> | 807154 | |
| Teleostei | 809080 | Gasterosteidae | | |
| Radioactivity | | <i>Gasterosteus aculeatus</i> | 806635 | |
| Experimental analysis | | <i>Pungitius pungitius</i> | 806635 | |
| Poeciliidae | | Syngnathidae | | |
| <i>Xiphophorus maculatus</i> | 809087 | <i>Syngnathus scovelli</i> | 807017 | |
| Annual fish | | Anabantidae | | |
| Balistidae | | <i>Ctenopoma muriei</i> | 804708 | |
| <i>Rudarius ercodes</i> | 805205 | Anarhichadidae | | |
| Cyprinodontidae | | <i>Anarhichas denticulatus</i> | 806559 | |
| <i>Aphyosemion</i> | 808259 | <i>Anarhichas lupus</i> | 806559 | |
| <i>Austrofundulus dolichopterus</i> | 805793 | <i>Anarhichas minor</i> | 806559 | |
| <i>Cynolebias bellotti</i> | 808260 | Blenniidae | 806057 | |
| | 808499 | Clinidae | 806057 | |
| <i>Nothobranchius</i> | 805825 | Pholididae | 806057 | |
| <i>Rivulus beniensis</i> | 806670 | | | |
| Amblyopsidae | | | | |
| <i>Chologaster cornuta</i> | 808771 | | | |

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|-------------------------------|------------------------------------|--------|--------------------------------------|--------|
| Rate of growth (continued) | Gobiidae | 806057 | <i>Rastrelliger kanagurta</i> | 808585 |
| | <i>Chaenogobius isaza</i> | 807948 | <i>Sarda chiliensis</i> | 807190 |
| | Mugilidae | 804548 | <i>Scomber japonicus</i> | 804306 |
| | <i>Crenamugil labrosus</i> | 804533 | | 807190 |
| | <i>Liza ramada</i> | 805023 | <i>Thunnus alalunga</i> | 807190 |
| | <i>Mugil saliens</i> | 806300 | | 808654 |
| | Carangidae | | <i>Thunnus albacares</i> | 805654 |
| | <i>Desopterus punctatus</i> | 807276 | | 806478 |
| | <i>Decapterus russelli</i> | 806727 | | 807305 |
| | <i>Megalaspis cordyla</i> | 806727 | Sphyraenidae | |
| | <i>Seriola dorsalis</i> | 807190 | <i>Sphyraena argentea</i> | 807190 |
| | <i>Trachinotus carolinus</i> | 807837 | <i>Sphyraena barracuda</i> | 808154 |
| | <i>Trachurus japonicus</i> | 805438 | Bothidae | |
| | Centrarchidae | 805822 | <i>Paralichthys californicus</i> | 807190 |
| | <i>Lepomis cyanellus</i> | 804412 | <i>Scophthalmus maximus</i> | 806464 |
| | <i>Lepomis macrochirus</i> | 805356 | <i>Scophthalmus rhombus</i> | 806464 |
| | | 804412 | Pleuronectidae | 807904 |
| | <i>Micropterus salmoides</i> | 804412 | <i>Lepidopsetta bilineata</i> | 807906 |
| | | 804554 | <i>Limanda aspera</i> | 804116 |
| | | 805555 | | 807907 |
| | <i>Pomoxis annularis</i> | 807807 | <i>Limanda limanda</i> | 808867 |
| | | 806166 | <i>Parophrys vetulus</i> | 806464 |
| | | 805796 | | 805944 |
| | Cichlidae | | | 805945 |
| | <i>Cichla ocellaris</i> | 804217 | <i>Platichthys flesus</i> | 805946 |
| | <i>Hemihaplochromis multicolor</i> | 804708 | <i>Platichthys stellatus</i> | 805947 |
| | <i>Tilapia aurea</i> X | | <i>Pleuronectes platessa</i> | 806464 |
| | <i>Tilapia nilotica</i> X | 805686 | <i>Reinhardtius hippoglossoides</i> | 807106 |
| | Leiognathidae | | Soleidae | |
| | <i>Secutor ruconius</i> | 806728 | <i>Solea solea</i> | 806464 |
| | Lethrinidae | | | 806557 |
| | <i>Lethrinus lentjan</i> | 808584 | Comephoridae | |
| | Lutjanidae | | <i>Comephorus baicalensis</i> | 807760 |
| | <i>Lutjanus analis</i> | 808154 | <i>Comephorus dybowski</i> | 807760 |
| | <i>Lutjanus campechanus</i> | 808154 | Cottidae | 806057 |
| | <i>Lutjanus griseus</i> | 808154 | <i>Cottus gobio</i> | 803678 |
| | Perceidae | | <i>Cottus perplexus</i> | 806992 |
| | <i>Perca flavescens</i> | 803627 | <i>Leptocottus armatus</i> | 807962 |
| | | 806166 | <i>Scorpaenichthys marmoratus</i> | 807190 |
| | <i>Perca fluviatilis</i> | 803678 | Cottocomephoridae | |
| | | 804443 | <i>Cottocomephorus comephoroides</i> | 807760 |
| | | 805776 | <i>Cottocomephorus growingia</i> | 807760 |
| | <i>Sizostedion</i> | 808352 | Anoplopomatidae | |
| | <i>Sizostedion canadense</i> | 808352 | <i>Anoplopoma fimbria</i> | 805948 |
| | <i>Sizostedion lusitaneum</i> | 805446 | | 807190 |
| | | 807273 | Hexagrammidae | |
| | <i>Sizostedion vitreum</i> | 805586 | <i>Ophiodon elongatus</i> | 807190 |
| | | 804525 | | 807904 |
| | | 807791 | Scorpaenidae | |
| | | 808802 | <i>Sebastes</i> | 807190 |
| | Sciaenidae | | <i>Sebastes mentella</i> | 807713 |
| | <i>Aplodinotus grunniens</i> | 808802 | Ballistidae | |
| | | 804525 | <i>Ballistes capricornis</i> | 808154 |
| | | 807783 | <i>Rudarius erodes</i> | 805205 |
| | <i>Cynoscion nebulosus</i> | 808154 | <i>Sufflamen capistratus</i> | 806728 |
| | <i>Cynoscion nobilis</i> | 807190 | Atherinidae | |
| | <i>Pogonias cromis</i> | 808154 | <i>Menidia menidia</i> | 807835 |
| | <i>Pseudoclitena coibor</i> | 805586 | Cymnoodontidae | 806635 |
| | <i>Pseudotolithus senegalensis</i> | 805643 | <i>Cynolebias bellotti</i> | 808499 |
| | | 806747 | <i>Cynolebias walterstorffi</i> | 808270 |
| | | 806762 | <i>Fundulus kansae</i> | 807834 |
| | | 808648 | <i>Pterolebias zonatus</i> | 808270 |
| | <i>Pseudotolithus typus</i> | 805648 | Poeciliidae | |
| | | 806747 | <i>Gambusia affinis</i> | 806635 |
| | | 806762 | | 807179 |
| | Serranidae | | Scomberosomatidae | |
| | <i>Epinephelus morio</i> | 806260 | <i>Scomberomorus auratus</i> | 805336 |
| | | 808154 | Ciuperidae | 806635 |
| | <i>Morone chrysops</i> | 804525 | <i>Alosa caspia</i> | 805365 |
| | <i>Morone chrysops</i> X | | <i>Alosa kessleri</i> | 807711 |
| | <i>Morone saxatilis</i> X | 806649 | <i>Alosa maculosa</i> | 805365 |
| | <i>Morone mississippiensis</i> | 808154 | <i>Alosa pontica</i> | 805365 |
| | <i>Morone saxatilis</i> | 806649 | <i>Brevortia tyrannus</i> | 805075 |
| | | 806736 | <i>Cupea harengus</i> | 808115 |
| | <i>Morone saxatilis</i> X | 806649 | <i>Sardinella</i> | 809060 |
| | <i>Morone chrysops</i> X | 808154 | <i>Sardinella aurata</i> | 805361 |
| | <i>Micropterus microlepis</i> | 807190 | <i>Sardinella eba</i> | 808402 |
| | <i>Parachanna</i> | 808009 | <i>Sardinella longiceps</i> | 808013 |
| | <i>Synbranchiosyllis</i> | 808009 | | 807079 |
| | <i>Serranus gigan</i> | 808154 | <i>Sardinella serra</i> | 805587 |
| | <i>Stereodon gigas</i> | 807190 | <i>Sprattus sprattus</i> | 808590 |
| | Silaginidae | | | 806726 |
| | <i>Silago asotus</i> | 804564 | | 808307 |
| | | | Engraulidae | |
| | <i>Archosargus probatocephalus</i> | 808154 | <i>Cetengraulis mysticetus</i> | 808646 |
| | <i>Dipodus annularis</i> | 806490 | <i>Engraulis mordax</i> | 807890 |
| | <i>Pagrus bogaraveo</i> | 806831 | Anguillidae | |
| | <i>Pagrus major</i> | 806623 | <i>Anguilla anguilla</i> | 807646 |
| | <i>Stenotomus chrysops</i> | 807851 | | 808481 |
| | Stombridae | | <i>Anguilla rostrata</i> | 806635 |
| | <i>Euthynnus pelamis</i> | 808154 | | |
| | | 808271 | | |

| Characidae | | <i>Harpodon nehereus</i> | 806064 | Rate of growth |
|---------------------------------|--------|---------------------------------|--------|----------------|
| <i>Alestes macrophthalmus</i> | 804392 | Osmeridae | 806635 | (continued) |
| Catostomidae | 806635 | <i>Osmerus eperlanus</i> | 807687 | |
| <i>Catostomus catostomus</i> | 807422 | <i>Osmerus mordax</i> | 808647 | |
| <i>Catostomus platyrhynchus</i> | 807795 | | 804390 | |
| <i>Ictiobus bubalus</i> | 803822 | | 807862 | |
| Cobitidae | | | 808647 | |
| <i>Cobitis aurata</i> | 807686 | Salmonidae | 806016 | |
| <i>Noemacheilus barbatulus</i> | 803678 | | 806035 | |
| Cyprinidae | 806041 | | 806635 | |
| | 806635 | | 808526 | |
| | 808352 | <i>Coregonus artedii</i> | 805022 | |
| <i>Abramis ballerus</i> | 807702 | <i>Coregonus clupeaformis</i> | 805022 | |
| <i>Abramis brama</i> | 806416 | <i>Coregonus nasus</i> | 807491 | |
| | 807643 | <i>Coregonus peled</i> | 807668 | |
| | 807648 | | 808241 | |
| | 807709 | | 808353 | |
| <i>Alburnoides bipunctatus</i> | 808442 | <i>Oncorhynchus kisutch</i> | 806032 | |
| <i>Alburnus alburnus</i> | 803678 | <i>Oncorhynchus nerka</i> | 805677 | |
| <i>Aspius aspius</i> | 804696 | | 806105 | |
| <i>Barbus pleurogramma</i> | 804708 | | 807257 | |
| <i>Barbus barbus</i> | 804074 | | 808659 | |
| <i>Barbus kersteni</i> | 804708 | <i>Salmo clarki</i> | 806992 | |
| <i>Barbus kolus</i> | 808571 | | 808556 | |
| <i>Blicca bjoerkna</i> | 807291 | <i>Salmo gairdneri</i> | 804234 | |
| <i>Carassius auratus</i> | 807740 | | 806032 | |
| <i>Carassius carassius</i> | 806442 | | 806105 | |
| <i>Ctenopharyngodon idella</i> | 807005 | | 807521 | |
| <i>Cyprinus carpio</i> | 803822 | | 807797 | |
| | 804444 | <i>Salmo salar</i> | 805975 | |
| | 805681 | | 807440 | |
| | 807309 | <i>Salmo trutta</i> | 805813 | |
| | 807643 | | 806253 | |
| | 807690 | <i>Salvelinus alpinus</i> | 805022 | |
| | 808226 | | 805541 | |
| | 808228 | | 806253 | |
| <i>Gila elegans</i> | 807794 | | 806989 | |
| <i>Gila robusta</i> | 807090 | <i>Salvelinus fontinalis</i> | 804234 | |
| | 807794 | | 806972 | |
| <i>Gobio gobio</i> | 803678 | | 807801 | |
| | 805104 | <i>Salvelinus namaycush</i> | 805022 | |
| | 805342 | <i>Stenodus leucichthys</i> | 806835 | |
| | 807739 | Experimental analysis | | |
| <i>Leuciscus cephalus</i> | 803678 | Carangidae | | |
| | 808441 | <i>Trachurus japonicus</i> | 805430 | |
| <i>Leuciscus rutilus</i> | 803678 | Cichlidae | | |
| <i>Notropis stramineus</i> | 807832 | <i>Tilapia aurea</i> X | | |
| <i>Ptychocheilus lucius</i> | 807090 | <i>Tilapia nilotica</i> X | 805973 | |
| | 807794 | <i>Tilapia mossambica</i> | 807710 | |
| <i>Rhinichthys atratulus</i> | 806473 | | | |
| <i>Rutilus rutilus</i> | 805716 | Percidae | | |
| | 807643 | <i>Perca fluviatilis</i> | 803901 | |
| Ariidae | | | | |
| <i>Ostrogeneiosus militaris</i> | 805520 | Pleuronectidae | | |
| | 805521 | <i>Pleuronectes platessa</i> | 803901 | |
| Bagridae | | Scophthalmidae | | |
| <i>Bagrus docmac</i> | 808978 | <i>Scophthalmus maximus</i> | 805064 | |
| Ictaluridae | 806635 | | | |
| <i>Ictalurus natalis</i> | 803822 | Soleidae | | |
| <i>Ictalurus punctatus</i> | 803822 | <i>Solea solea</i> | 803901 | |
| <i>Pygidictis olivaris</i> | 807790 | | 805064 | |
| Plotosidae | | | | |
| <i>Plotosus anguillaris</i> | 805205 | Balistidae | | |
| Hiodontidae | | <i>Monacanthus tomentosus</i> | 805430 | |
| <i>Hiodon alosoides</i> | 806635 | Tetraodontidae | | |
| <i>Hiodon tergisus</i> | 806635 | <i>Fugu vermicularis</i> | 805430 | |
| Mormyridae | 803915 | Cyprinidae | | |
| Gadidae | | <i>Cyprinus carpio</i> | 805973 | |
| <i>Lota lota</i> | 806635 | Salmonidae | | |
| | 806834 | <i>Salmo gairdneri</i> | 805430 | |
| Zoaridae | | Lipid and fatty acid content | | |
| <i>Lycodopsis pacifica</i> | 807500 | Effect on fish | | |
| Amblyopsidae | 806635 | Salmonidae | | |
| Aphredoderidae | | <i>Salmo trutta</i> | 808856 | |
| <i>Aphredoderus sayanus</i> | 806635 | Scales | | |
| Percopsidae | | Experimental analysis | | |
| <i>Percopsis omiscomaycus</i> | 804525 | Cyprinidae | | |
| | 806635 | <i>Carassius auratus</i> | 804800 | |
| Chanidae | | Temperature | | |
| <i>Chanos chanos</i> | 808204 | Cyprinidae | | |
| Argentinidae | | <i>Carassius auratus</i> | 804800 | |
| <i>Argentina sphyraena</i> | 803868 | Growth hormone | | |
| Esocidae | 806635 | Experimental analysis | | |
| <i>Esox lucius</i> | 805970 | Elasmobranchii | 809072 | |
| | 808025 | Teleostei | 809072 | |
| | 808233 | Thyroid | | |
| | 808352 | Experimental analysis | | |
| | 808801 | Salmonidae | | |
| | 808802 | <i>Oncorhynchus tshawytscha</i> | 807784 | |
| | 809038 | <i>Salmo gairdneri</i> | 807784 | |
| Umbridae | 806635 | Ovary | | |
| Galaxiidae | 804508 | Experimental analysis | | |
| Harpadontidae | | Salmonidae | | |
| | | <i>Oncorhynchus nerka</i> | 807414 | |

| Rate of growth (continued) | | | | |
|------------------------------------|--------|--|--------------------------------|--------|
| Estrogens | | | Pleuronectidae | |
| Experimental analysis | | | <i>Eopsetta jordani</i> | 804448 |
| Belontiidae | | | Gadidae | |
| <i>Macropodus opercularis</i> | 804697 | | <i>Gadus morhua</i> | 804448 |
| Salmonidae | | | Intraspecific variation | |
| <i>Salmo trutta</i> | 808865 | | Cyprinidae | |
| Testis | | | <i>Abramis brama</i> | 807743 |
| Experimental analysis | | | Energy conversion efficiency | |
| Salmonidae | | | Experimental analysis | |
| <i>Oncorhynchus nerka</i> | 807414 | | Salmonidae | |
| Larva | | | <i>Oncorhynchus nerka</i> | 807498 |
| Sparidae | | | Change with age | |
| <i>Pagrus major</i> | 805618 | | Salmonidae | |
| Clupeidae | | | <i>Oncorhynchus nerka</i> | 807498 |
| <i>Clupea harengus</i> | 805317 | | Temperature | |
| Engraulidae | | | Salmonidae | |
| <i>Engraulis encrasicolus</i> | 807670 | | <i>Oncorhynchus nerka</i> | 807498 |
| Experimental analysis | | | Dietary requirements | |
| Petromyzontomorpha | | | Experimental analysis | |
| <i>Ichthyomyzon bdellium</i> | 809030 | | Salmonidae | |
| Temperature | | | <i>Salmo salar</i> | 805144 |
| Teleostei | 809081 | | Adipitum food capacity | |
| Fry | | | Experimental analysis | |
| Acipenseromorpha | | | Carangidae | |
| <i>Acipenser gueldenstaedti</i> | 808342 | | <i>Seriola quinqueradiata</i> | 805503 |
| Centrarchidae | | | Balistidae | |
| <i>Lepomis macrochirus</i> | 803711 | | <i>Monacanthus tomentosus</i> | 805503 |
| Catostomidae | | | Tetraodontidae | |
| <i>Moxostoma carinatum</i> | 804165 | | <i>Fugu vermicularis</i> | 805503 |
| Cyprinidae | | | Salmonidae | |
| <i>Cyprinus carpio</i> | 806413 | | <i>Salmo gairdneri</i> | 805503 |
| Salmonidae | | | Inheritance | |
| <i>Oncorhynchus gorbuscha</i> | 806643 | | Cyprinidae | |
| <i>Oncorhynchus keta</i> | 804954 | | <i>Cyprinus carpio</i> | 806122 |
| | 806645 | | Larva | |
| <i>Oncorhynchus nerka</i> | 806646 | | Cyprinidae | |
| <i>Salmo salar</i> | 807355 | | <i>Leuciscus cephalus</i> | 806441 |
| | 806029 | | Artificial selection | |
| Experimental analysis | 808149 | | Poeciliidae | |
| Salmonidae | | | <i>Poecilia reticulata</i> | 805116 |
| <i>Oncorhynchus gorbuscha</i> | 808924 | | Density dependent regulation | |
| <i>Oncorhynchus nerka</i> | 803864 | | Salmonidae | |
| <i>Thymallus arcticus</i> | 807278 | | <i>Salmo gairdneri</i> | 806080 |
| Change with age | | | Intraspecific variation | |
| Carangidae | | | Percidae | |
| <i>Seriola quinqueradiata</i> | 805345 | | <i>Stizostedion lucioperca</i> | 803801 |
| Sparidae | | | | 807689 |
| <i>Chrysophrys major</i> | 805345 | | Cyprinidae | |
| Soleidae | | | <i>Abramis brama</i> | 807689 |
| <i>Zebrias zebra</i> | 805345 | | <i>Rutilus rutilus</i> | 807689 |
| Exocoetidae | | | Experimental analysis | |
| <i>Hemiramphus sajori</i> | 805345 | | Ictaluridae | |
| Intraspecific variation | | | <i>Ictalurus melas</i> | 807779 |
| Carangidae | | | <i>Ictalurus punctatus</i> | 807779 |
| <i>Seriola quinqueradiata</i> | 805345 | | Artificial selection | |
| Sparidae | | | Cyprinidae | |
| <i>Chrysophrys major</i> | 805345 | | <i>Cyprinus carpio</i> | 806412 |
| Soleidae | | | Populations | |
| <i>Zebrias zebra</i> | 805345 | | Anguillidae | |
| Exocoetidae | | | <i>Anguilla australis</i> | 804829 |
| <i>Hemiramphus sajori</i> | 805345 | | <i>Anguilla dieffenbachii</i> | 804829 |
| Oxygen | | | Esocidae | |
| Salmonidae | | | <i>Esox lucius</i> | 804047 |
| <i>Thymallus arcticus</i> | 807278 | | Salmonidae | |
| Young | | | <i>Salmo trutta</i> | 804048 |
| Mugiloidae | 808299 | | Geographic variation | |
| Percidae | | | Gadidae | |
| <i>Perca fluviatilis</i> | 804054 | | <i>Merlangius merlangus</i> | 807104 |
| <i>Stizostedion vitreum</i> | 806115 | | Merlucciidae | |
| Catostomidae | | | <i>Merluccius merluccius</i> | 808297 |
| <i>Catostomus commersoni</i> | 806115 | | Esocidae | |
| Salmonidae | | | <i>Esox lucius</i> | 804775 |
| <i>Oncorhynchus gorbuscha</i> | 807731 | | Change with age | |
| <i>Oncorhynchus keta</i> | 807731 | | Gadidae | |
| <i>Oncorhynchus nerka</i> | 807731 | | <i>Gadus morhua</i> | 807541 |
| | 807759 | | Populations | |
| <i>Salmo salar</i> | 806879 | | Salmonidae | |
| Juvenile | | | <i>Oncorhynchus nerka</i> | 807916 |
| Seasonal changes | | | Variation with age | |
| Salmonidae | | | Cyprinidae | |
| <i>Oncorhynchus kisutch</i> | 807084 | | <i>Rutilus rutilus</i> | 807716 |
| Change with age | | | Littoral zone | |
| Polynemoidae | | | Experimental analysis | |
| <i>Eleutheronema tetradactylum</i> | 807536 | | Sparidae | |
| Pleuronectidae | | | <i>Sargus annularis</i> | 808192 |
| <i>Pleuronectes platessa</i> | 807546 | | Artificial fertilization | |
| Clupeidae | | | Sparidae | |
| <i>Prista filosa</i> | 807536 | | <i>Sargus annularis</i> | 808192 |
| Cyprinidae | | | Temperature | |
| <i>Lancorhinus capoeta</i> | 807734 | | Experimental analysis | |
| Maximum size | | | Salmonidae | |
| Teleostei | 804448 | | <i>Salmo salar</i> | 805143 |
| | | | <i>Salvelinus fontinalis</i> | 807505 |

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|------------------------------------|--------|-------------------------------------|--------|-------------|
| Light | | Cyprinidae | | Growth |
| Experimental analysis | | <i>Cyprinus carpio</i> | 807652 | (continued) |
| Ictaluridae | | Population density | | |
| <i>Ictalurus punctatus</i> | 806822 | Cyprinidae | | |
| Salmonidae | | <i>Cyprinus carpio</i> | 807652 | |
| <i>Salvelinus fontinalis</i> | 808847 | Artificial feeds and feeding | | |
| Radioactivity | | Cyprinidae | | |
| Experimental analysis | | <i>Cyprinus carpio</i> | 807652 | |
| Centrarchidae | | Artificial feeds and feeding | | |
| <i>Lepomis macrochirus</i> | 806889 | Cyprinidae | | |
| Salinity | | <i>Cyprinus carpio</i> | 808688 | |
| Experimental analysis | | Experimental analysis | | |
| Cyprinidae | 808596 | Cyprinidae | | |
| Salmonidae | | <i>Cyprinus carpio</i> | 808210 | |
| <i>Salmo salar</i> | 805143 | Archeological data | | |
| | 805144 | Esocidae | | |
| | 807925 | <i>Esox lucius</i> | 805204 | |
| Oxygen | | Captive vs natural fishes | | |
| Experimental analysis | | Carangidae | | |
| Salmonidae | | <i>Trachinotus carolinus</i> | 807034 | |
| <i>Salvelinus fontinalis</i> | 807505 | Sparidae | | |
| Populations | | <i>Eynosia japonica</i> | 805622 | |
| Cyprinidae | | <i>Mylio macrocephalus</i> | 805622 | |
| <i>Leuciscus cephalus</i> | 805963 | Cyprinidae | 808572 | |
| <i>Leuciscus leuciscus</i> | 805963 | Pangasiidae | | |
| <i>Rutilus rutilus</i> | 805963 | <i>Pangasius pangasius</i> | 808572 | |
| Salmonidae | | Fry | | |
| <i>Salmo mykiss</i> | 807714 | Salmonidae | | |
| <i>Salmo penshinensis</i> | 807714 | <i>Oncorhynchus masou</i> | 804953 | |
| Change with age | | Artificial propagation and planting | | |
| Clupeidae | | Salmonidae | | |
| <i>Clupea pallasii</i> | 804432 | <i>Salmo salar</i> | 807708 | |
| Population density | | Scale age study | | |
| Experimental analysis | | Clupeidae | | |
| Cyprinidae | | <i>Clupea harengus</i> | 808058 | |
| <i>Cyprinus carpio</i> | 808244 | Inheritance | | |
| Density dependent regulation | | Clupeidae | | |
| Percidae | | <i>Clupea harengus</i> | 806916 | |
| <i>Stizostedion vitreum</i> | 807560 | <i>Sardina pilchardus</i> | 806916 | |
| Salmonidae | | <i>Sardinops ocellata</i> | 806916 | |
| <i>Oncorhynchus nerka</i> | 805085 | Carotenoids | | |
| Interspecific competition | | Fat requirements | | |
| Experimental analysis | | Experimental analysis | | |
| Salmonidae | | Salmonidae | | |
| <i>Oncorhynchus kisutch</i> | 807824 | <i>Oncorhynchus nerka</i> | 807115 | |
| <i>Salmo gairdneri</i> | 807824 | Folic acid | | |
| Feeding | | Vitamin requirements | | |
| Salmonidae | | Experimental analysis | | |
| <i>Oncorhynchus kisutch</i> | 807824 | Salmonidae | | |
| <i>Salmo gairdneri</i> | 807824 | <i>Oncorhynchus kisutch</i> | 807344 | |
| Availability and use of food | | Naphthenic growth substance | | |
| Experimental analysis | | Larva | | |
| Salmonidae | | Experimental analysis | | |
| <i>Oncorhynchus keta</i> | 807443 | Cyprinidae | | |
| Juvenile | | <i>Cyprinus carpio</i> | 807650 | |
| Salmonidae | | Age length relationship | | |
| <i>Oncorhynchus keta</i> | 807443 | Mugiloidae | 808299 | |
| Seasonal changes | | <i>Liza macrolepis</i> | 808575 | |
| Cichlidae | | <i>Mugil cephalus</i> | 808575 | |
| <i>Tilapia aurea</i> | 806110 | Lutjanidae | | |
| Sciaenidae | | <i>Lutjanus purpureus</i> | 806941 | |
| <i>Pseudotolithus senegalensis</i> | 806750 | Percidae | | |
| Agonidae | | <i>Perca flavescens</i> | 803590 | |
| <i>Agonus cataphractus</i> | 807955 | <i>Stizostedion canadense</i> | 808464 | |
| Cyprinidae | | | 808795 | |
| <i>Abramis brama</i> | 807294 | Sciaenidae | | |
| <i>Cyprinus carpio</i> | 806110 | <i>Aplodinotus grunniens</i> | 808464 | |
| <i>Ericymba buccata</i> | 807003 | <i>Micropogon undulatus</i> | 808663 | |
| Salmonidae | | <i>Pseudotolithus senegalensis</i> | 805648 | |
| <i>Thymallus thymallus</i> | 805983 | <i>Pseudotolithus typus</i> | 805648 | |
| Experimental analysis | | Sparidae | | |
| Salmonidae | | <i>Lagodon rhomboides</i> | 808663 | |
| <i>Salmo salar</i> | 807925 | Scombridae | | |
| Change with age | | <i>Thunnus thynnus</i> | 807189 | |
| Clupeidae | | Pleuronectidae | | |
| <i>Clupea harengus</i> | 807733 | <i>Platichthys stellatus</i> | 806881 | |
| Geographic variation | | <i>Pleuronectes platessa</i> | 805332 | |
| Sparidae | | | 808075 | |
| <i>Lagodon rhomboides</i> | 806244 | Cottidae | | |
| Characidae | | <i>Cottus beldingi</i> | 808721 | |
| <i>Alestes baremoze</i> | 808021 | Clupeidae | | |
| Migrations | | <i>Clupea harengus</i> | 805308 | |
| Scale age study | | | 805318 | |
| Salmonidae | | | 805321 | |
| <i>Oncorhynchus</i> | 808906 | | 806916 | |
| Heavy metal pollutants | | | 807922 | |
| Experimental analysis | | | 808053 | |
| Salmonidae | | | 808056 | |
| <i>Salvelinus fontinalis</i> | 807505 | | 808060 | |
| Artificial rearing environments | | | 808108 | |
| Sparidae | | | 808114 | |
| <i>Pagrus major</i> | 805622 | | 808116 | |
| Experimental analysis | | <i>Opisthopterus tardoore</i> | 808574 | |

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|-----------------------------------|---------------------------------|--------|------------------------------------|--------|
| Growth | <i>Sardinops neopilchardus</i> | 808361 | <i>Gibbonsia metzi</i> | 807228 |
| (continued) | <i>Sprattus sprattus</i> | 805323 | <i>Heterostichus rostratus</i> | 807228 |
| | | 805324 | Labridae | |
| | | 805326 | <i>Halichoeres scapularis</i> | 807935 |
| | | 808065 | <i>Oxyjulis californica</i> | 807228 |
| | 808120 | | <i>Pimelometopon pulchrum</i> | 807228 |
| | Catostomidae | | <i>Tautoga onitis</i> | 807565 |
| | <i>Carpiodes carpio</i> | 808464 | Scorpaenidae | |
| | Cyprinidae | | <i>Calliodon marshalli</i> | 807935 |
| | <i>Alburnoides bipunctatus</i> | 804046 | <i>Hippocampus harid</i> | 807935 |
| | <i>Barbus kolus</i> | 808571 | <i>Xanodon bipallidus</i> | 807935 |
| | <i>Cyprinus carpio</i> | 808464 | Mugiloidae | 808299 |
| | Hiodontidae | | <i>Crenimugil</i> | 807935 |
| | <i>Hiodon alosoides</i> | 808464 | <i>Crenimugil labrosus</i> | 804533 |
| | Gadidae | | <i>Mugil</i> | 807935 |
| | <i>Gadus morhua</i> | 805270 | <i>Mugil saliens</i> | 808300 |
| | | 805272 | <i>Rhinomugil corsula</i> | 806902 |
| | | 805274 | Branchiostegidae | |
| | <i>Melanogrammus aeglefinus</i> | 805288 | <i>Branchiostegus japonicus</i> | 804117 |
| | | 805289 | Carangidae | |
| | | 805290 | <i>Decapterus punctatus</i> | 807276 |
| | | 805291 | <i>Trachinotus carolinus</i> | 807034 |
| | | 805292 | | 807837 |
| | | 808038 | <i>Trachinotus falcatus</i> | 807837 |
| | | 808039 | Centrarchidae | |
| | | 808040 | <i>Micropterus salmoides</i> | 806162 |
| | | 808092 | | 808550 |
| | | 808093 | <i>Pomoxis annularis</i> | 808796 |
| | | 808095 | Centropomidae | |
| | | 808096 | <i>Lates niloticus</i> | 805378 |
| | <i>Merlangius merlangus</i> | 805294 | Chaetodontidae | |
| | | 805295 | <i>Chaetodon larvatus</i> | 807935 |
| | | 805296 | Cichlidae | |
| | | 808041 | <i>Hemihaplochromis multicolor</i> | 804708 |
| | | 808042 | <i>Tilapia aurea</i> X | |
| | | 808099 | <i>Tilapia nilotica</i> X | 805973 |
| | | 808100 | <i>Tilapia mossambica</i> | 806116 |
| | <i>Pollachius virens</i> | 805293 | | 807710 |
| | | 807074 | <i>Tilapia nilotica</i> X | |
| | Merlucciidae | | <i>Tilapia aurea</i> X | 805973 |
| | <i>Merluccius productus</i> | 804988 | Embiotocidae | 807228 |
| | | 808312 | <i>Cymatogaster aggregata</i> | 807496 |
| | Esocidae | | Gerreidae | |
| | <i>Esox lucius</i> | 808801 | <i>Gerres</i> | 807935 |
| | Salmonidae | | Kyphosidae | |
| | <i>Coregonus peled</i> | 808241 | <i>Girella nigricans</i> | 807228 |
| | <i>Salmo salar</i> | 805329 | <i>Medialuna californiensis</i> | 807228 |
| | Juvenile | | Lethrinidae | |
| | Clupeidae | | <i>Lethrinus harak</i> | 807935 |
| | <i>Clupea harengus</i> | 808109 | Lutjanidae | |
| Age weight relationship | | | <i>Caesio caeruleus</i> | 807935 |
| Scorpaenidae | | | <i>Lutjanus gibbus</i> | 807014 |
| <i>Thunnus albacares</i> | 808281 | | <i>Lutjanus russelli</i> | 807935 |
| <i>Thunnus thynnus</i> | 807189 | | Mullidae | |
| Clupeidae | | | <i>Pseudupeneus barberinus</i> | 807935 |
| <i>Clupea harengus</i> | 805301 | | Nemipteridae | |
| Gadidae | 805318 | | <i>Scolopsis ghanam</i> | 807935 |
| <i>Melanogrammus aeglefinus</i> | 808092 | | Percidae | |
| Salmonidae | | | <i>Perca fluviatilis</i> | 804420 |
| <i>Salmo salar</i> | 805329 | | | 804443 |
| Weight length relationship | | | <i>Stizostedion canadense</i> | 804525 |
| Petromyzontomorpha | 806635 | | <i>Stizostedion vitreum</i> | 808795 |
| <i>Caspiomyzon wagneri</i> | 807755 | | Pomacentridae | 803586 |
| Dasyatidae | | | <i>Chromis punctipinnis</i> | 807935 |
| <i>Dasyatis centroura</i> | 804187 | | <i>Hypsopops rubicunda</i> | 807228 |
| Rajidae | | | Pomadasyidae | |
| <i>Raja georgiana</i> | 807663 | | <i>Gaterin gaterinus</i> | 807014 |
| Carcharhinidae | | | <i>Xenistius californiensis</i> | 807228 |
| <i>Carcharhinus leucas</i> | 807581 | | Sciaenidae | |
| Acipenseromorpha | 806635 | | <i>Aplocheilichthys grunniens</i> | 807789 |
| Amiromorpha | | | <i>Cynoscion petranus</i> | 804304 |
| <i>Amia calva</i> | 806635 | | <i>Genyonemus lineatus</i> | 807228 |
| Semionotomorpha | 806635 | | <i>Johnius dussumieri</i> | 808576 |
| Teleostei | 806162 | | <i>Microgobius furnieri</i> | 807048 |
| Channiformes | | | <i>Pseudosciaena color</i> | 808586 |
| <i>Ophicephalus gachus</i> | 806392 | | <i>Pseudosciaena diacanthus</i> | 808570 |
| Syngnathidae | | | <i>Pseudotolithus senegalensis</i> | 808648 |
| <i>Syngnathus californiensis</i> | 807228 | | Serranidae | |
| Acanthuridae | | | <i>Epinephelus morio</i> | 806260 |
| <i>Acanthurus gaham</i> | 807935 | | <i>Morone mississippiensis</i> | 808901 |
| <i>Acanthurus sohal</i> | 807014 | | <i>Morone saxatilis</i> | 806786 |
| | 807935 | | <i>Paralabrax clathratus</i> | 807228 |
| <i>Ctenochaetus strigosus</i> | 807935 | | | 807229 |
| Siganidae | | | <i>Serranus alexandrinus</i> | 808309 |
| <i>Siganus rivulatus</i> | 807935 | | <i>Serranus gigas</i> | 808309 |
| Anabantidae | | | Sillaginidae | |
| <i>Ctenopoma munei</i> | 804708 | | <i>Sillago panijus</i> | 808569 |
| Blenniidae | | | Sparidae | |
| <i>Ecsenius</i> | 807935 | | <i>Pagellus bogaraveo</i> | 806838 |
| <i>Salaria</i> | 807935 | | Istiophoridae | 808879 |
| Clinidae | | | <i>Makaira indica</i> | 807932 |
| <i>Gibbonsia elegans</i> | 807228 | | <i>Makaira nigricans</i> | 807932 |

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|--------------------------------------|--------|-----------------------------------|--------|-------------------------------|
| <i>Tetraodon audei</i> | 807932 | <i>Barbus kersteni</i> | 804708 | Growth (continued) |
| Scombridae | 808474 | <i>Barbus kolus</i> | 808571 | |
| <i>Thunnus alalunga</i> | 808982 | <i>Barbus paludinosus</i> | 804708 | |
| <i>Thunnus albacares</i> | 808002 | <i>Blicca bjoerkna</i> | 807291 | |
| | 807030 | <i>Carassius carassius</i> | 806442 | |
| | 808016 | <i>Ctenopharyngodon idella</i> | 807005 | |
| | 808473 | <i>Cyprinus carpio</i> | 807309 | |
| Trichuriidae | | | 807690 | |
| <i>Paradipliospinus gracilis</i> | 807663 | <i>Gila elegans</i> | 807794 | |
| Xiphiidae | | <i>Gila robusta</i> | 807794 | |
| <i>Xiphias gladius</i> | 808879 | <i>Gobio gobio</i> | 805342 | |
| Bothidae | | <i>Labeo rohita</i> | 808577 | |
| <i>Paracichthys oblongus</i> | 807860 | <i>Psychocheilus lucius</i> | 807794 | |
| <i>Scophthalmus maximus</i> | 806464 | <i>Rhinichthys atratulus</i> | 806473 | |
| <i>Scophthalmus rhombus</i> | 806464 | <i>Richardsonius egregius</i> | 808730 | |
| Pleuronectidae | 807860 | <i>Rutilus rutilus</i> | 807716 | |
| <i>Hippoglossoides platessoides</i> | 807417 | <i>Varicorhinus capota</i> | 807734 | |
| <i>Limanda limanda</i> | 806464 | Ictaluridae | 806635 | |
| <i>Parophrys vetulus</i> | 805945 | <i>Pylodictis olivaris</i> | 807790 | |
| | 805946 | Sisoridae | | |
| | 805947 | <i>Glyptosternon reticulum</i> | 807334 | |
| <i>Platichthys flesus</i> | 806464 | Hiodontidae | | |
| <i>Platichthys stellatus</i> | 806881 | <i>Hiodon alosoides</i> | 806635 | |
| <i>Pleuronectes platessa</i> | 806464 | <i>Hiodon tergisus</i> | 806635 | |
| <i>Pseudopleuronectes americanus</i> | 807859 | Gadidae | | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | <i>Boreogadus saida</i> | 806342 | |
| Scophthalmidae | | <i>Gadus macrocephalus</i> | 807914 | |
| <i>Scophthalmus aquosus</i> | 807860 | <i>Gadus morhua</i> | 805275 | |
| Soleidae | | | 808086 | |
| <i>Solea solea</i> | 806464 | <i>Lota lota</i> | 806635 | |
| Agonidae | | | 806834 | |
| <i>Agonus cataphractus</i> | 807955 | Ophiidae | | |
| Cottidae | | <i>Otophidium taylori</i> | 807228 | |
| <i>Cottus beldingi</i> | 808721 | Aphredoderidae | | |
| <i>Leptocottus armatus</i> | 807962 | <i>Aphredoderus sayanus</i> | 806635 | |
| Cyclopteridae | | Percopsidae | | |
| <i>Liparis pulchellus</i> | 807635 | <i>Percopsis omiscomaycus</i> | 806635 | |
| Hexagrammidae | | Argentinidae | | |
| <i>Oxyeleus pictus</i> | 807228 | <i>Argentina sphyraena</i> | 803868 | |
| Scorpaenidae | 807228 | Esocidae | 806635 | |
| <i>Sebastes mentella</i> | 804333 | <i>Esox lucius</i> | 808801 | |
| | 807713 | Umbridae | 806635 | |
| Ostraciidae | | Harpadontidae | | |
| <i>Ostracion cyanurus</i> | 807935 | <i>Harpadon nehereus</i> | 806064 | |
| Atherinidae | | Osmeridae | 806635 | |
| <i>Atherinops affinis</i> | 807228 | <i>Osmerus eperlanus</i> | 807687 | |
| <i>Menidia audei</i> | 808171 | <i>Osmerus mordax</i> | 807862 | |
| <i>Menidia extensa</i> | 807835 | Salmonidae | 806635 | |
| <i>Franseria pinguis</i> | 807014 | | 808471 | |
| Clupeidae | 806635 | | 808472 | |
| <i>Alosa caspia</i> | 805365 | <i>Coregonus clupeoides</i> | 808982 | |
| <i>Alosa kessleri</i> | 807711 | <i>Coregonus nasus</i> | 803672 | |
| <i>Alosa maotica</i> | 805365 | <i>Coregonus pelcus</i> | 804919 | |
| <i>Alosa pontica</i> | 805365 | <i>Oncorhynchus gorbuscha</i> | 808353 | |
| <i>Clupea harengus</i> | 805301 | | 805347 | |
| | 805319 | <i>Oncorhynchus keta</i> | 807731 | |
| | 805911 | | 807669 | |
| | 807733 | <i>Oncorhynchus nerka</i> | 807731 | |
| | 807897 | <i>Salmo salar</i> | 807520 | |
| | 807898 | | 805976 | |
| | 807899 | | 806879 | |
| | 807900 | <i>Salmo trutta</i> | 807708 | |
| | 808047 | | 803984 | |
| | 808116 | | 805715 | |
| | 808119 | | 805813 | |
| <i>Gudusia chapra</i> | 805694 | <i>Salvelinus alpinus</i> | 805976 | |
| <i>Herklotichthys punctatus</i> | 807014 | <i>Thymallus thymallus</i> | 805541 | |
| <i>Opisthonema oglinum</i> | 808191 | Sexually dimorphic size | 805715 | |
| <i>Opisthopterus tardoore</i> | 808574 | Scombridae | 805983 | |
| <i>Sardinella anchovia</i> | 807030 | <i>Thunnus alalunga</i> | 808147 | |
| <i>Sardinella longiceps</i> | 807079 | Sexually dimorphic body form | | |
| Engraulidae | | Mugiloidae | | |
| <i>Engraulis mordax</i> | 807228 | <i>Liza macrolepis</i> | 808575 | |
| | 807890 | <i>Mugil cephalus</i> | 808575 | |
| Anguillidae | | Larva | | |
| <i>Anguilla anguilla</i> | 807646 | Syngnathidae | | |
| <i>Anguilla rostrata</i> | 806635 | <i>Syngnathus phlegon</i> | 807715 | |
| Muraenidae | | Myctophidae | 807715 | |
| <i>Gymnothorax mordax</i> | 807228 | Paralepididae | | |
| Characidae | | <i>Paralepis</i> | 807715 | |
| <i>Alestes macropthalmus</i> | 804392 | Gonostomatidae | | |
| Catostomidae | 806635 | <i>Cyclothone</i> | 807715 | |
| <i>Catostomus catostomus</i> | 807422 | <i>Vinciguerra</i> | 807715 | |
| <i>Catostomus platyrhynchus</i> | 807795 | Fry | | |
| Cobitidae | | <i>Acipenseromorpha</i> | | |
| <i>Cobitis aurata</i> | 807686 | <i>Acipenser gueldenstaedti</i> | 805559 | |
| Cyprinidae | 806392 | <i>Acipenser gueldenstaedti X</i> | | |
| | 806635 | <i>Acipenser ruthenus X</i> | 805559 | |
| <i>Abramis brama</i> | 806416 | <i>Acipenser ruthenus</i> | 805559 | |
| | 807648 | <i>Acipenser ruthenus X</i> | | |
| | 807709 | <i>Acipenser gueldenstaedti X</i> | 805559 | |
| <i>Alburnoides bipunctatus</i> | 808442 | <i>Acipenser stellatus</i> | 805559 | |
| <i>Barbus aplurogramma</i> | 804708 | | | |

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|------------------------------|-------------------------------------|--------|------------------------------------|--------|
| Growth (continued) | Salmonidae | | Pangasiidae | |
| | <i>Oncorhynchus gorbusha</i> | 876443 | <i>Pangasius pangasius</i> | 808572 |
| | <i>Oncorhynchus keta</i> | 876444 | Sisoridae | |
| | <i>Salmo salar</i> | 876126 | <i>Glyptosternon reticulum</i> | 807334 |
| | Change with age | | Hiodontidae | |
| | Cyprinidae | | <i>Hiodon alosoides</i> | 806635 |
| | <i>Cyprinus carpio</i> | 876445 | <i>Hiodon tergisus</i> | 806635 |
| Young | Acipenseromorpha | | Gadidae | |
| | <i>Acipenser stellatus</i> | 876653 | <i>Lota lota</i> | 806635 |
| | Percidae | | Aphrododeridae | |
| | <i>Perca fluviatilis</i> | 876454 | <i>Aphrododerus sayanus</i> | 806635 |
| Juvenile | | | Esocidae | |
| | Clupeidae | | Salmonidae | |
| | <i>Hilsa ilisha</i> | 876644 | <i>Coregonus peled</i> | 807668 |
| Mathematical growth analysis | | | <i>Oncorhynchus</i> | 807731 |
| | Gadidae | | <i>Oncorhynchus tshawytscha</i> | 808657 |
| | <i>Gadus macrocephalus</i> | 876346 | <i>Salmo salar</i> | 808679 |
| Intermediate | | | <i>Salmo trutta</i> | 805813 |
| | Percidae | | Young | |
| | <i>Perca fluviatilis</i> | 876657 | Percidae | |
| Intraspecific variation | | | <i>Stizostedion vitreum</i> | 806115 |
| | Pleuronectidae | | Catostomidae | |
| | Hexagrammidae | | <i>Catostomus commersoni</i> | 806115 |
| | <i>Ophiodon elongatus</i> | 876793 | Change with age | |
| | Gadidae | | Salmonidae | |
| | <i>Gadus macrocephalus</i> | 876793 | <i>Salmo gairdneri</i> | 807527 |
| Seasonal changes | | | <i>Salmo salar</i> | 807925 |
| | Clupeidae | | Seasonal changes | |
| | <i>Sardinella aurita</i> | 876311 | Sciaenidae | |
| | <i>Sardinella maderensis</i> | 876312 | <i>Pseudotolithus senegalensis</i> | 806762 |
| Captive vs natural fishes | | | <i>Pseudotolithus typus</i> | 808648 |
| | Pangasiidae | | <i>Cottus beldingi</i> | 808721 |
| | <i>Pangasius pangasius</i> | 876572 | Clupeidae | |
| Coefficient of condition | | | <i>Gadus chapa</i> | 805694 |
| | Petromyzontomorpha | | Megalopidae | |
| | <i>Caspionymus wagneri</i> | 876558 | <i>Megalops cyprinoides</i> | 809005 |
| | Acipenseromorpha | | Cyprinidae | |
| | Amiromorpha | | <i>Abramis brama</i> | 807749 |
| | <i>Amia calva</i> | 876635 | <i>Cyprinus carpio</i> | 807749 |
| | Semionotomorpha | | <i>Notopterus stramineus</i> | 807832 |
| | Teleostei | | <i>Rutilus rutilus</i> | 807749 |
| | Anarhichadidae | | Argentiniidae | |
| | Mugilidae | | <i>Argentina sphyraena</i> | 803868 |
| | <i>Liza macrolepis</i> | 876573 | | 804534 |
| | <i>Mugil cephalus</i> | 876574 | Harpadontidae | |
| | <i>Rhinomugil corsula</i> | 876572 | <i>Harpodon nehereus</i> | 806064 |
| Centropomidae | | | Captive vs natural fishes | |
| | <i>Lates niloticus</i> | 876177 | Scorpaenidae | |
| | Cichlidae | | <i>Scomber japonicus</i> | 803784 |
| | <i>Tilapia mossambica</i> | 806337 | | |
| Percidae | | | Allometry | |
| | <i>Stizostedion vitreum</i> | 876777 | Sciaenidae | |
| Pomadasyidae | | | <i>Pseudotolithus senegalensis</i> | 805648 |
| | <i>Brachydeuterus auritus</i> | 876754 | <i>Pseudotolithus typus</i> | 805648 |
| Sciaenidae | | | Sparidae | |
| | <i>Microgobius furnieri</i> | 876745 | <i>Lateolabrax japonicus</i> | 807068 |
| | <i>Pseudosciaenidae dactyloides</i> | 876746 | | |
| | <i>Pseudotolithus senegalensis</i> | 876746 | Sparidae | |
| Serranidae | | | <i>Acanthopagrus schlegelii</i> | 807068 |
| | <i>Morone mississippiensis</i> | 876747 | <i>Chrysophrys auratus</i> | 806233 |
| Siluridae | | | <i>Chrysophrys major</i> | 806233 |
| | <i>Silurus asotus</i> | 876747 | <i>Chrysophrys unicolor</i> | 806233 |
| Cyprinidae | | | Nichthidae | |
| | <i>Brevoortia smithi</i> | 876447 | <i>Nitidulax gulosus</i> | 807692 |
| | <i>Brevoortia smithi</i> X | 876447 | Stromateidae | |
| | <i>Brevoortia tyrannus</i> X | 876447 | <i>Ammodytes americanus</i> | 806816 |
| | <i>Brevoortia tyrannus</i> | 876447 | Cottidae | |
| | <i>Brevoortia tyrannus</i> X | 876447 | <i>Schedophilus pinnatus</i> | 806775 |
| | <i>Brevoortia smithi</i> X | 876447 | Agonidae | |
| | <i>Clupea harengus</i> | 876447 | <i>Agonus cataphractus</i> | 807955 |
| | | | Cyprinidae | |
| | | | <i>Barbus barbus</i> | 808983 |
| | | | <i>Barbus bendelisi</i> | 808983 |
| | | | <i>Phoxinus phoxinus</i> | 807616 |
| | | | <i>Phoxinus erythrogaster</i> | 807616 |
| | | | Zoaridae | |
| | | | <i>Lycodopsis pacifica</i> | 807500 |
| | | | Argentinidae | |
| | | | <i>Argentina</i> | |

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|---------------------------------|--------|--|--|--------|-------------------------------|
| Jaws | | | Wound healing | | Growth (continued) |
| Teleostei | 807979 | | Caudal fin | | |
| Eye | | | Regeneration | | |
| Elasmobranchii | 807979 | | Stromateidae | | |
| Acipenseromorphia | 807979 | | <i>Stromateus cinereus</i> | 807975 | |
| Teleostei | 807979 | | Vitamin requirements | | Nutrition |
| Intraspecific variation | | | Experimental analysis | | |
| Gas bladder | | | Salmonidae | | |
| Cyprinidae | | | <i>Oncorhynchus kisutch</i> | 807877 | |
| <i>Carassius carassius</i> | 806048 | | <i>Salmo gairdneri</i> | 807877 | |
| <i>Cyprinus carpio</i> | 806048 | | Ascorbic acid | | |
| <i>Rutilus rutilus</i> | 806048 | | Experimental analysis | | |
| <i>Tinca tinca</i> | 806048 | | Salmonidae | | |
| Coelom | | | <i>Oncorhynchus kisutch</i> | 806083 | |
| Cyprinidae | | | Wounds | | |
| <i>Carassius carassius</i> | 806048 | | Scombridae | 804226 | |
| <i>Cyprinus carpio</i> | 806048 | | Nutrition | | |
| <i>Rutilus rutilus</i> | 806048 | | Effect on fish | | |
| <i>Tinca tinca</i> | 806048 | | Biochemical blood constituents | | |
| Dentary | | | Salmonidae | | |
| Serranidae | | | <i>Salmo gairdneri</i> | 807827 | |
| <i>Lateolabrax japonicus</i> | 808151 | | Hemoglobin | | |
| Premaxillary | | | Salmonidae | | |
| Sparidae | | | <i>Salmo gairdneri</i> | 807827 | |
| <i>Acanthopagrus schlegelii</i> | 808151 | | Natural mortality | | |
| <i>Chrysophrys major</i> | 808151 | | Salmonidae | | |
| Maximum size | | | <i>Oncorhynchus tshawytscha</i> | 807879 | |
| Squalomorpha | 803517 | | Artificial propagation and planting | | |
| Acipenseromorphia | 803517 | | Salmonidae | | |
| <i>Acipenser transmontanus</i> | 803518 | | <i>Oncorhynchus tshawytscha</i> | 807879 | |
| Semionotomorpha | 803517 | | Energy consumption | | |
| Teleostei | 803517 | | Fry | | |
| Percidae | | | Change with age | | |
| <i>Sizostedion canadense</i> | 804525 | | Centrarchidae | | |
| Scomberesocidae | | | <i>Micropterus salmoides</i> | 807825 | |
| <i>Scomberesox saurus</i> | 805336 | | Growth | | |
| Clupeidae | | | Teleostei | 809069 | |
| <i>Sardinella longiceps</i> | 807079 | | Exercise | | |
| Gobiesociformes | | | Teleostei | 809069 | |
| <i>Derilissus nanus</i> | 807594 | | Reproduction | | |
| Archeological data | | | Teleostei | 809069 | |
| Esocidae | | | Maintenance energy requirements | | |
| <i>Esox lucius</i> | 805204 | | Teleostei | 809069 | |
| Regeneration | | | Carangidae | | |
| Anal fin | | | <i>Trachurus japonicus</i> | 805430 | |
| Experimental analysis | | | Percidae | | |
| Poeciliidae | | | <i>Perca fluviatilis</i> | 803901 | |
| <i>Poecilia reticulata</i> | 806867 | | Pleuronectidae | | |
| Thyroid hormone | | | <i>Pleuronectes platessa</i> | 803901 | |
| Poeciliidae | | | Soleidae | | |
| <i>Poecilia reticulata</i> | 806867 | | <i>Solea solea</i> | 803901 | |
| Androgens | | | Balistridae | | |
| Poeciliidae | | | <i>Monacanthus tomentosus</i> | 805430 | |
| <i>Poecilia reticulata</i> | 806867 | | Tetraodontidae | | |
| Scales | | | <i>Fugu vermicularis</i> | 805430 | |
| Anatomy | | | Cyprinidae | | |
| Salmonidae | | | <i>Cyprinus carpio</i> | 806119 | |
| <i>Oncorhynchus nerka</i> | 808655 | | Salmonidae | | |
| Fins | | | <i>Oncorhynchus keta</i> | 807443 | |
| Experimental analysis | | | <i>Salmo gairdneri</i> | 805430 | |
| Esocidae | | | Experimental analysis | | |
| <i>Esox lucius</i> | 808221 | | Cyprinidae | | |
| Salmonidae | | | <i>Hypophthalmichthys molitrix</i> | 807653 | |
| <i>Salmo gairdneri</i> | 808697 | | Nitrogen metabolism | | |
| Change with age | | | Experimental analysis | | |
| Esocidae | | | Centrarchidae | | |
| <i>Esox lucius</i> | 808221 | | <i>Lepomis macrochirus</i> | 807454 | |
| Electric organs | | | Change with age | | |
| Experimental analysis | | | Centrarchidae | | |
| Gymnotidae | | | <i>Lepomis macrochirus</i> | 807454 | |
| <i>Gymnotus carapo</i> | 805717 | | Yolk | | |
| Telencephalon | | | Change with age | | |
| Experimental analysis | | | Centrarchidae | | |
| Cyprinidae | | | <i>Micropterus salmoides</i> | 807825 | |
| <i>Carassius auratus</i> | 804335 | | Larva | | |
| Optic nerve | | | Teleostei | 809081 | |
| Biochemistry | | | Seasonal changes | | |
| Cyprinidae | | | Experimental analysis | | |
| <i>Carassius auratus</i> | 809019 | | Salmonidae | | |
| Experimental analysis | | | <i>Salvelinus fontinalis</i> | 807801 | |
| Cyprinidae | | | Feeding | | |
| <i>Carassius auratus</i> | 803902 | | Change with age | | |
| Protein content | | | Centrarchidae | | |
| Cyprinidae | | | <i>Micropterus salmoides</i> | 807825 | |
| <i>Carassius auratus</i> | 809019 | | Preying on small prey | | |
| Spinal cord | | | Computer analysis | | |
| Experimental analysis | | | Centrarchidae | | |
| Cyprinidae | | | <i>Micropterus salmoides</i> | 806866 | |
| <i>Carassius auratus</i> | 804347 | | Feeding captive fish | | |
| | 804371 | | Experimental analysis | | |
| Neurosecretion in brain | | | Cyprinidae | 808207 | |
| Experimental analysis | | | <i>Cyprinus carpio</i> | | |
| Clariidae | | | | | |
| <i>Clarias batrachus</i> | 804107 | | | | |

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|--------------------------|------------------------------------|--------|-------------------------------------|--------|
| Nutrition (continued) | Energy conversion efficiency | | <i>Oncorhynchus kisutch</i> | 807084 |
| | Petromyzontomorphs | | Artificial feeds and feeding | |
| | <i>Petromyzon marinus</i> | 805642 | Experimental analysis | |
| | Teleostei | 805509 | Ictaluridae | |
| | Centrarchidae | 808629 | <i>Ictalurus punctatus</i> , | 808551 |
| | <i>Micropterus salmoides</i> | 806273 | Salmonidae | |
| | Percidae | 808513 | <i>Salmo gairdneri</i> | 808209 |
| | <i>Perca fluviatilis</i> | | Rate of growth | |
| | Sparidae | 803901 | Ictaluridae | |
| | <i>Pagrus major</i> | 805623 | <i>Ictalurus melas</i> | 807779 |
| | Bothidae | | <i>Ictalurus punctatus</i> | 807779 |
| | <i>Scophthalmus maximus</i> | 806464 | Intraspecific variation | |
| | <i>Scophthalmus rhombus</i> | 806464 | Ictaluridae | |
| | Pleuronectidae | | <i>Ictalurus melas</i> | 807779 |
| | <i>Limanda limanda</i> | 806464 | <i>Ictalurus punctatus</i> | 807779 |
| | <i>Planchthys flesus</i> | 806464 | Pentacanthorhynchus | |
| | <i>Pleuronectes platessa</i> | 803901 | Thyroid hormone | |
| | | 806464 | Experimental analysis | |
| | | 807544 | Cichlidae | 806997 |
| | Soleidae | | Starvation | |
| | <i>Solea solea</i> | 803901 | Experimental analysis | |
| | | 806464 | Cichlidae | 806997 |
| | Coriidae | | Exercise | |
| | <i>Corvus perplexus</i> | 806942 | Effect on fish | |
| | Cyprinidae | | Salmonidae | |
| | <i>Alburnus alburnus</i> | 805587 | <i>Oncorhynchus tshawytscha</i> | 806617 |
| | <i>Cyprinus carpio</i> | 805224 | Oxygen consumption | |
| | <i>Rutilus rutilus</i> | 805587 | Mugilidae | |
| | Ictaluridae | | <i>Liza macrolepis</i> | 805054 |
| | <i>Ictalurus punctatus</i> | 808512 | Salmonidae | |
| | Salmonidae | | <i>Salmo gairdneri</i> | 806271 |
| | <i>Salmo clarki</i> | 806992 | Oxidative metabolism | |
| | <i>Salvelinus fontinalis</i> | 806034 | Scyliorhinidae | |
| | Experimental analysis | | <i>Scyliorhinus stellaris</i> | 805129 |
| | Pleuronectidae | | | 805247 |
| | <i>Limanda limanda</i> | 804473 | Cyprinidae | |
| | <i>Pleuronectes platessa</i> | 804473 | <i>Cyprinus carpio</i> | 806607 |
| | Scophthalmidae | | Salmonidae | |
| | <i>Scophthalmus maximus</i> | 805064 | <i>Salvelinus fontinalis</i> | 808849 |
| | Soleidae | | Ion and water relationships | |
| | <i>Solea solea</i> | 805064 | Cichlidae | |
| | Cyprinidae | | <i>Tilapia nilotica</i> | 807526 |
| | <i>Cyprinus carpio</i> | 808207 | Adrenal cortex | |
| | Protein content | | Salmonidae | |
| | Carbohydrate content | | <i>Oncorhynchus kisutch</i> | 804368 |
| | Teleostei | 809069 | <i>Salmo gairdneri</i> | 804368 |
| | Young | | Heart | |
| | Experimental analysis | | Centrarchidae | |
| | Cyprinidae | | <i>Lepomis gibbosus</i> | 803826 |
| | <i>Hypophthalmichthys molitrix</i> | 807653 | Ictaluridae | |
| | Exercise | | <i>Ictalurus nebulosus</i> | 803826 |
| | Experimental analysis | | Salmonidae | |
| | Salmonidae | | <i>Salmo trutta</i> | 803826 |
| | <i>Salvelinus fontinalis</i> | 808849 | Hemodynamics | |
| | Protein requirements | | Salmonidae | |
| | Experimental analysis | | <i>Salmo gairdneri</i> | 806857 |
| | Ictaluridae | | Gas transport by blood | |
| | <i>Ictalurus punctatus</i> | 808523 | Salmonidae | |
| | Amino acid requirements | | <i>Salmo gairdneri</i> | 806857 |
| | Experimental analysis | | Energy conversion efficiency | |
| | Salmonidae | | Salmonidae | |
| | <i>Salvelinus fontinalis</i> | 808850 | <i>Salvelinus fontinalis</i> | 808849 |
| | Vitamin requirements | | Swimming endurance | |
| | Experimental analysis | | Salmonidae | |
| | Salmonidae | | <i>Salvelinus fontinalis</i> | 808849 |
| | <i>Salvelinus fontinalis</i> | 808850 | Breathing | |
| | Adlibitum food capacity | | Centrarchidae | |
| | Experimental analysis | | <i>Lepomis gibbosus</i> | 803826 |
| | Salmonidae | | Ictaluridae | |
| | <i>Oncorhynchus nerka</i> | 807498 | <i>Ictalurus nebulosus</i> | 803826 |
| | Temperature | | Salmonidae | |
| | Experimental analysis | | <i>Salmo trutta</i> | 803826 |
| | Centrarchidae | | Natural mortality | |
| | <i>Micropterus salmoides</i> | 806637 | Salmonidae | |
| | Salmonidae | | <i>Oncorhynchus tshawytscha</i> | 807879 |
| | <i>Oncorhynchus kisutch</i> | 806637 | Artificial propagation and planting | |
| | <i>Oncorhynchus nerka</i> | 807498 | Salmonidae | |
| | <i>Salvelinus fontinalis</i> | 806772 | <i>Oncorhynchus tshawytscha</i> | 807879 |
| | Light | | Oxygen consumption | |
| | Experimental analysis | | Gadidae | |
| | Salmonidae | | <i>Melanogrammus aeglefinus</i> | 803568 |
| | <i>Salvelinus fontinalis</i> | 808849 | Ion and water relationships | |
| | Seasonal changes | | Experimental analysis | |
| | Experimental analysis | | Salmonidae | |
| | Salmonidae | | <i>Salmo gairdneri</i> | 803589 |
| | <i>Oncorhynchus kisutch</i> | 807084 | | |
| | <i>Salvelinus fontinalis</i> | 807801 | Dietary requirements | |
| | Change with age | | Teleostei | |
| | Characidae | | Poeciliidae | |
| | <i>Alestes baremore</i> | 805022 | <i>Poecilia reticulata</i> | 805765 |
| | Temperature | | Salmonidae | |
| | Salmonidae | | <i>Salmo salar</i> | 808505 |
| | | | <i>Salvelinus namaycush</i> | 808505 |

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|------------------------------------|--------|---------------------------------|--------|-------------|
| Young | | Salmonidae | | Nutrition |
| Ictaluridae | | <i>Salmo gairdneri</i> | 806585 | (continued) |
| <i>Ictalurus punctatus</i> | 808406 | Vitamin-A | | |
| Change with age | | Cyprinidae | | |
| Cyprinidae | | <i>Carassius auratus</i> | 803523 | |
| <i>Hypophthalmichthys molitrix</i> | 807653 | Experimental analysis | | |
| Protein requirements | | Salmonidae | | |
| Salmonidae | | <i>Salvelinus fontinalis</i> | 808851 | |
| <i>Oncorhynchus tshawytscha</i> | 806084 | Pigments | | |
| Experimental analysis | | Intermediary metabolism | | |
| Cyprinidae | | Salmonidae | | |
| <i>Cyprinus carpio</i> | 808210 | <i>Salvelinus fontinalis</i> | 808861 | |
| Ictaluridae | | Vitamin-B6 | | |
| <i>Ictalurus punctatus</i> | 803894 | Experimental analysis | | |
| Effect on fish | | Carangidae | | |
| Lipid metabolism | | <i>Seriola quinqueradiata</i> | 805444 | |
| Salmonidae | | Vitamin-C | | |
| <i>Salmo trutta</i> | 808852 | Experimental analysis | | |
| Artificial feeds and feeding | | Salmonidae | | |
| Experimental analysis | | <i>Salvelinus fontinalis</i> | 808862 | |
| Cyprinidae | | Vitamin-D | | |
| <i>Cyprinus carpio</i> | 807761 | Effect on fish | | |
| Ictaluridae | | Mineral content | | |
| <i>Ictalurus punctatus</i> | 808523 | Salmonidae | | |
| Amino acid requirements | | <i>Salvelinus fontinalis</i> | 808863 | |
| Salmonidae | | Hemoglobin | | |
| <i>Oncorhynchus tshawytscha</i> | 806084 | Salmonidae | | |
| Effect on fish | | <i>Salvelinus fontinalis</i> | 808863 | |
| Lipid and fatty acid content | | Vitamin-E | | |
| Salmonidae | | Experimental analysis | | |
| <i>Salvelinus fontinalis</i> | 808850 | Carangidae | | |
| Methionine | | <i>Seriola quinqueradiata</i> | 805445 | |
| Experimental analysis | | Salmonidae | | |
| Salmonidae | | <i>Oncorhynchus tshawytscha</i> | 808799 | |
| <i>Salvelinus fontinalis</i> | 808848 | Mineral requirements | | |
| Effect on fish | | Teleostei | | |
| Lipid and fatty acid content | | Effect on fish | 809069 | |
| Salmonidae | | Mineral content | | |
| <i>Salmo trutta</i> | 808857 | Salmonidae | | |
| Carbohydrate requirements | | <i>Salmo gairdneri</i> | 807878 | |
| Experimental analysis | | Ion and water relationships | | |
| Cyprinidae | | Salmonidae | | |
| <i>Cyprinus carpio</i> | 806585 | <i>Oncorhynchus kisutch</i> | 806087 | |
| Effect on fish | | Rate of growth | | |
| Liver | | Salmonidae | | |
| Salmonidae | | <i>Salmo gairdneri</i> | 807878 | |
| <i>Salmo trutta</i> | 808858 | Energy conversion efficiency | | |
| Fat requirements | | Salmonidae | | |
| Salmonidae | | <i>Oncorhynchus kisutch</i> | 806087 | |
| <i>Salmo gairdneri</i> | 806085 | Calcium | | |
| Experimental analysis | | Experimental analysis | | |
| Salmonidae | | Salmonidae | | |
| <i>Oncorhynchus nerka</i> | 807115 | <i>Salmo gairdneri</i> | 806974 | |
| <i>Salmo trutta</i> | 808856 | Zinc | | |
| | 808860 | Enzymology | | |
| | 808864 | Squalidae | | |
| Vitamin requirements | | <i>Squalus acanthias</i> | 807349 | |
| Teleostei | | Teleostei | 807349 | |
| Cyprinidae | | Developing egg | | |
| <i>Cyprinus carpio</i> | 808682 | Experimental analysis | | |
| Ictaluridae | | Cyprinidae | | |
| <i>Ictalurus punctatus</i> | 808551 | <i>Cyprinus carpio</i> | 807735 | |
| Effect on fish | | Adlibitum food capacity | | |
| Cyprinidae | | Carangidae | | |
| <i>Cyprinus carpio</i> | 806083 | <i>Trachurus japonicus</i> | 805430 | |
| Ictaluridae | | Percidae | | |
| <i>Ictalurus punctatus</i> | 806083 | <i>Stizostedion luciopectus</i> | 805806 | |
| Salmonidae | | Scombridae | | |
| Lipid and fatty acid content | | <i>Scomber japonicus</i> | 806578 | |
| Salmonidae | | | 806588 | |
| <i>Salvelinus fontinalis</i> | 808850 | | 807282 | |
| Ascorbic acid | | Bothidae | | |
| Experimental analysis | | <i>Scophthalmus maximus</i> | 806464 | |
| Carangidae | | <i>Scophthalmus rhombus</i> | 806464 | |
| <i>Seriola quinqueradiata</i> | 805444 | Pleuronectidae | | |
| Salmonidae | | <i>Limanda limanda</i> | 806464 | |
| <i>Oncorhynchus kisutch</i> | 807877 | <i>Platichthys flesus</i> | 806464 | |
| <i>Salmo gairdneri</i> | 807877 | <i>Pleuronectes platessa</i> | 806464 | |
| Folic acid | | Soleidae | | |
| Experimental analysis | | <i>Solea solea</i> | 806464 | |
| Salmonidae | | Scorpaenidae | | |
| <i>Oncorhynchus kisutch</i> | 807344 | <i>Sebastes inermis</i> | 804316 | |
| Pyridoxine | | Balistidae | | |
| Effect on fish | | <i>Monacanthus tomentosus</i> | 805430 | |
| Mineral content | | Tetraodontidae | | |
| Salmonidae | | <i>Fugu vermicularis</i> | 805430 | |
| <i>Salvelinus fontinalis</i> | 808855 | Cyprinidae | | |
| Lipid and fatty acid content | | <i>Cyprinus carpio</i> | 805681 | |
| Salmonidae | | | 808228 | |
| <i>Salvelinus fontinalis</i> | 808854 | <i>Leuciscus cephalus</i> | 805344 | |
| Thiamine | | Salmonidae | | |
| Experimental analysis | | <i>Oncorhynchus keta</i> | 807443 | |
| Cyprinidae | | <i>Salmo gairdneri</i> | 805430 | |
| <i>Cyprinus carpio</i> | 806585 | | | |

| Nutrition (continued) | Experimental analysis | | Nitrogen metabolism | |
|-------------------------------|------------------------------|--------|----------------------------------|--------|
| | Pleuronectidae | | Cyprinidae | |
| | <i>Limanda limanda</i> | 804473 | <i>Cyprinus carpio</i> | 807726 |
| | <i>Pleuronectes platessa</i> | 804473 | Ontogenetic color change | |
| | Cyprinodontidae | | Labridae | |
| | <i>Cyprinodon nevadensis</i> | 806973 | <i>Pimelometopon pulchrum</i> | 804898 |
| | Poeciliidae | | Adrenal cortex | |
| | <i>Gambusia affinis</i> | 806973 | Salmonidae | |
| Larva | | | <i>Oncorhynchus nerka</i> | 807530 |
| Clupeidae | | | Pancreatic islets | |
| <i>Clupea harengus</i> | 806558 | | Cottidae | |
| Change with age | | | <i>Myoxocephalus scorpius</i> | 807963 |
| Cyprinidae | | | Hemopoiesis | |
| <i>Rutilus rutilus</i> | 807716 | | Belontiidae | |
| Rate of growth | | | <i>Trichogaster trichopterus</i> | 808752 |
| Experimental analysis | | | Erythrocytes | |
| Carangidae | | | Salmonidae | |
| <i>Seriola quinqueradiata</i> | 805503 | | <i>Oncorhynchus keta</i> | 807681 |
| Balistidae | | | Biochemical blood constituents | |
| <i>Monacanthus tomentosus</i> | 805503 | | Pomadasyidae | |
| Tetraodontidae | | | <i>Haemulon plumieri</i> | 806910 |
| <i>Fugu vermicularis</i> | 805503 | | Cyprinidae | |
| Salmonidae | | | <i>Cyprinus carpio</i> | 805455 |
| <i>Salmo gairdneri</i> | 805503 | | | 807933 |
| Salinity | | | Hemoglobin | |
| Experimental analysis | | | Cyprinidae | |
| Salmonidae | | | <i>Cyprinus carpio</i> | 807933 |
| <i>Salmo salar</i> | 807925 | | Immunological reactions | |
| Insecta | | | Cyprinidae | |
| Seasonal changes | | | <i>Cyprinus carpio</i> | 805455 |
| Umbridae | | | Gut | |
| <i>Umbrina limi</i> | 809049 | | Pomadasyidae | |
| Circadian rhythms | | | <i>Haemulon plumieri</i> | 806910 |
| Experimental analysis | | | Stomach | |
| Carangidae | | | Scombridae | |
| <i>Seriola quinqueradiata</i> | 805502 | | <i>Scomber japonicus</i> | 806578 |
| Balistidae | | | Intestine | |
| <i>Monacanthus tomentosus</i> | 805502 | | Cyprinidae | |
| Tetraodontidae | | | <i>Carassius carassius</i> | 806352 |
| <i>Fugu vermicularis</i> | 805502 | | <i>Cyprinus carpio</i> | 806352 |
| Salmonidae | | | Salmonidae | 807659 |
| <i>Salmo gairdneri</i> | 805502 | | <i>Coregonus lavaretus</i> | 806352 |
| Seasonal changes | | | <i>Coregonus nasus</i> | 806352 |
| Characidae | | | <i>Coregonus peled</i> | 806352 |
| <i>Alestes baremoze</i> | 808022 | | <i>Salmo salar</i> | 806352 |
| Activity patterns | | | Liver | |
| Experimental analysis | | | Cottidae | |
| Poeciliidae | | | <i>Myoxocephalus scorpius</i> | 807963 |
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| Cyprinidae | | | <i>Clarias batrachus</i> | 806692 |
| <i>Carassius carassius</i> | 804885 | | Ictaluridae | |
| Feeding | | | <i>Ictalurus punctatus</i> | 807081 |
| Activity patterns | | | Larva | |
| Scombridae | | | Clupeidae | |
| <i>Euthynnus pelamis</i> | 807823 | | <i>Sardina pilchardus</i> | 804529 |
| Instrumental conditioning | | | Young | |
| Experimental analysis | | | Salmonidae | |
| Teleostei | 808329 | | <i>Oncorhynchus keta</i> | 807681 |
| Starvation | | | Rate of growth | |
| Salmonidae | | | Salmonidae | |
| <i>Salvelinus fontinalis</i> | 806030 | | <i>Salmo gairdneri</i> | 808545 |
| Effect on fish | | | Weight length relationship | |
| Teleostei | 809069 | | Anguillidae | |
| Histology | | | <i>Anguilla anguilla</i> | 805974 |
| Salmonidae | 807659 | | Coefficient of condition | |
| Metabolic rate | | | Cyprinidae | |
| Cyprinidae | | | <i>Cyprinus carpio</i> | 805455 |
| <i>Cyprinus carpio</i> | 806119 | | Adlibitum food capacity | |
| Oxygen consumption | | | Scombridae | |
| Cyprinidae | | | <i>Euthynnus pelamis</i> | 807823 |
| <i>Cyprinus carpio</i> | 806119 | | Light | |
| Umbridae | | | Gasterosteidae | |
| <i>Umbrina limi</i> | 808026 | | <i>Gasterosteus aculeatus</i> | 807656 |
| Body content | | | <i>Pungitius pungitius</i> | 807656 |
| Cichlidae | 806997 | | Cyprinidae | |
| Pleuronectidae | | | <i>Leucaspis delineatus</i> | 807656 |
| <i>Pleuronectes platessa</i> | 804473 | | Seasonal changes | |
| Water content | | | Salmonidae | |
| Cyprinidae | | | <i>Oncorhynchus nerka</i> | 807530 |
| <i>Cyprinus carpio</i> | 807933 | | Habitat preference | |
| Vitamin content | | | Gasterosteidae | |
| Cyprinidae | | | <i>Gasterosteus aculeatus</i> | 807656 |
| <i>Aristichthys nobilis</i> | 808357 | | <i>Pungitius pungitius</i> | 807656 |
| DNA content and function | | | Cyprinidae | |
| Cyprinidae | | | <i>Leucaspis delineatus</i> | 807656 |
| <i>Cyprinus carpio</i> | 805240 | | Antivitamin content | |
| RNA content and function | | | Cyprinidae | |
| Cyprinidae | | | <i>Aristichthys nobilis</i> | 808357 |
| <i>Cyprinus carpio</i> | 805240 | | Adenohypophysis | |
| Enzymology | | | Experimental analysis | |
| Salmonidae | | | Petromyzontomorpha | |
| <i>Salmo gairdneri</i> | 807544 | | <i>Lampetra fluviatilis</i> | 806305 |

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|---------------------------------------|--------|---------------------------------|--------|----------|
| Liver | | <i>Alosa kessleri</i> | 807771 | Genetics |
| Experimental analysis | | <i>Alosa maotica</i> | 805365 | |
| Cichlidae | | <i>Alosa pontica</i> | 805365 | |
| <i>Tilapia mossambica</i> | 803723 | <i>Brevoortia patronus X</i> | | |
| Larva | | <i>Brevoortia smithi X</i> | 807796 | |
| Teleostei | 809081 | <i>Brevoortia smithi X</i> | | |
| Rate of growth | | <i>Brevoortia patronus X</i> | 807796 | |
| Effect on fish | | <i>Clupea harengus</i> | 805301 | |
| Centrarchidae | | <i>Ethmalosa fimbriata</i> | 806743 | |
| <i>Lepomis macrochirus</i> | 803536 | <i>Opisthonema oglinum</i> | 804224 | |
| Mendelian inheritance | | | 806498 | |
| Poeciliidae | | <i>Sardinella longiceps</i> | 808598 | |
| <i>Poecilia reticulata</i> | 803913 | Engraulidae | | |
| Sex inheritance | | <i>Cetengraulis mysticetus</i> | 808646 | |
| Belontiidae | | <i>Engraulis mordax</i> | 807890 | |
| <i>Betta splendens</i> | 806266 | <i>Engraulis ringens</i> | 805701 | |
| Cichlidae | | Characidae | | |
| <i>Tilapia mossambica X</i> | | <i>Alestes macrophthalmus</i> | 804392 | |
| <i>Tilapia hornorum X</i> | 806125 | Catostomidae | | |
| Poeciliidae | | <i>Catostomus catostomus</i> | 807422 | |
| <i>Poecilia reticulata</i> | 803913 | Cyprinidae | | |
| <i>Xiphophorus pygmaeus</i> | 807269 | <i>Abramis brama</i> | 807648 | |
| Experimental analysis | | <i>Alburnus alburnus</i> | 807525 | |
| Teleostei | 809080 | <i>Blicca bjoerkna</i> | 807291 | |
| Oryziatidae | | <i>Carassius auratus</i> | 806041 | |
| <i>Oryzias latipes</i> | 809080 | <i>Rhinichthys atratulus</i> | 806272 | |
| Estrogens | | | 807833 | |
| Experimental analysis | | <i>Richardsonius egreus</i> | 808730 | |
| Oryziatidae | | <i>Rutilus rutilus</i> | 807525 | |
| <i>Oryzias latipes</i> | 804357 | Mormyridae | 803915 | |
| Sex linked inheritance | | Gadidae | | |
| Poeciliidae | | <i>Gadus morhua</i> | 807541 | |
| <i>Poecilia reticulata</i> | 803831 | <i>Melanogrammus aeglefinus</i> | 805287 | |
| Sex ratio | | <i>Micromesistius putassou</i> | 808045 | |
| | 807887 | <i>Theragra chalcogramma</i> | 807667 | |
| Petromyzontomorpha | | Esocidae | | |
| <i>Petromyzon marinus</i> | 805643 | <i>Esox lucius</i> | 804524 | |
| Dasyatiidae | | | 808801 | |
| <i>Dasyatis centroura</i> | 804187 | Salmonidae | | |
| Carcharhinidae | | <i>Coregonus clupeoides</i> | 803672 | |
| <i>Agrionodon isodon</i> | 804914 | <i>Oncorhynchus nerka</i> | 807378 | |
| <i>Carcharhinus leucas</i> | 807581 | <i>Prosopium cylindraceum</i> | 807774 | |
| Gobiidae | | <i>Salmo salar</i> | 807440 | |
| <i>Glossogobius giuris</i> | 808633 | | 808123 | |
| Mugiloidae | | <i>Salmo trutta</i> | 805813 | |
| <i>Liza macrolepis</i> | 808575 | | 806414 | |
| Lethrinidae | | <i>Salvelinus alpinus</i> | 805541 | |
| <i>Lethrinus lentjan</i> | 808583 | <i>Salvelinus leucomaenis</i> | 807768 | |
| Percidae | | Descriptive evolution | | |
| <i>Percu fluviatilis</i> | 804420 | Hermaphroditic gonads | | |
| <i>Stizostedion canadense</i> | 804525 | Teleostei | 807927 | |
| | 808795 | Acclimation | | |
| Pomadasysidae | | Descriptive evolution | | |
| <i>Brachydeuterus auritus</i> | 806754 | Poeciliidae | | |
| Sciaenidae | | <i>Poecilia reticulata</i> | 804360 | |
| <i>Cynoscion petranus</i> | 804304 | Fry | | |
| <i>Pseudosciaena diacanthus</i> | 808570 | Salmonidae | | |
| <i>Pseudotolithus senegalensis</i> | 806750 | <i>Oncorhynchus keta</i> | 808912 | |
| | 808648 | Juvenile | | |
| Sparidae | 805663 | Salmonidae | | |
| Theraponidae | | <i>Salmo salar</i> | 806028 | |
| <i>Therapon plumbeus</i> | 808633 | Change with age | | |
| Polynemoidae | | Percidae | | |
| <i>Polydactylus paradiseus</i> | 804280 | <i>Stizostedion canadense</i> | 808802 | |
| <i>Polydactylus plebeius</i> | 804280 | <i>Stizostedion vitreum</i> | 808802 | |
| <i>Polydactylus xanthonemus</i> | 804280 | Sparidae | | |
| Istiophoridae | | <i>Dentex macrophthalmus</i> | 805663 | |
| <i>Istiophorus platypterus</i> | 808879 | <i>Diplodus vulgaris</i> | 805663 | |
| <i>Makaira nigricans</i> | 807932 | <i>Pagellus acarne</i> | 805663 | |
| | 808879 | <i>Pagellus bogaraveo</i> | 806838 | |
| <i>Tetrapterus audax</i> | 808879 | <i>Sparus caeruleostictus</i> | 805663 | |
| Scombridae | | <i>Spondylusoma cantharus</i> | 805663 | |
| <i>Euthynnus pelamis</i> | 808364 | Agonidae | | |
| <i>Thunnus</i> | 808147 | <i>Agonus cataphractus</i> | 807955 | |
| <i>Thunnus alalunga</i> | 808364 | Cyprinidae | | |
| | 808652 | <i>Carassius carassius</i> | 806685 | |
| Xiphiidae | | Gadidae | | |
| <i>Xiphias gladius</i> | 804674 | <i>Gadus morhua</i> | 807725 | |
| | 808879 | Esocidae | | |
| Pleuronectidae | | <i>Esox lucius</i> | 808802 | |
| <i>Parophrys vetulus</i> | 805942 | Osmeridae | | |
| <i>Pleuronectes platessa</i> | 805332 | <i>Osmerus mordax</i> | 807862 | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | Salmonidae | | |
| Cottidae | | <i>Salmo salar</i> | 806879 | |
| <i>Cottus beldingi</i> | 808721 | Seasonal changes | | |
| Scorpaenidae | | Serranidae | | |
| <i>Sebastes mentella</i> | 804333 | <i>Epinephelus morio</i> | 806260 | |
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| <i>Paramonacanthus choirocephalus</i> | 808494 | Anguillidae | | |
| <i>Paramonacanthus curtorhynchus</i> | 808494 | <i>Anguilla rostrata</i> | 808177 | |
| Atherinidae | | Seasonal changes | | |
| <i>Menzidia extensa</i> | 807835 | Petromyzontomorpha | | |
| Clupeidae | | <i>Petromyzon marinus</i> | 808027 | |
| <i>Alosa caspia</i> | 805365 | | | |

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| | <i>Johnius dussumieri</i> | 804737 | Rate of growth | |
| | Merlucciidae | | Cyprinidae | |
| Hybridization | <i>Merluccius merluccius</i> | 807688 | <i>Cyprinus carpio</i> | 805681 |
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| | Teleostei | 809080 | <i>Oncorhynchus kisutch</i> | 806617 |
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| | <i>Melamphaes parvus</i> | 804485 | Cyprinidae | |
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| | <i>Scopelogadus mizolepis</i> | 804485 | Reproductive season | |
| | Belontiidae | | Salmonidae | |
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| | <i>Scorpaena porcus</i> | 804425 | Dropsy | |
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| | <i>Oryzias latipes</i> | 806247 | <i>Acipenser ruthenus X</i> | 804930 |
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| | <i>Poecilia reticulata</i> | 805254 | <i>Etheostoma spectabile X</i> | 807573 |
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| | Poeciliidae | | <i>Percina peltata X</i> | 807600 |
| | <i>Poecilia reticulata</i> | 805254 | Cottidae | |
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| | <i>Poecilia reticulata</i> | 805254 | <i>Ictalurus bubalus X</i> | |
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| <i>Geophagus brasiliensis</i> X | 805780 | Salmonidae | | |
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| Carboniferous | | <i>Mawsonia ubangiensis</i> | 807109 | |
| Cladotelachomorpha | | Chondrostei | | |
| <i>Bandringa rayi</i> | 803581 | <i>Asarotus arcanus</i> | 804480 | |
| Dipnoi | | Acipenseromorpha | 805815 | |
| Rhipidistia | 803741 | Amiomorpha | 805815 | |
| <i>Rhizodus hiberni</i> | 807020 | <i>Amia fragosa</i> | 804474 | |
| Coelacanthini | 803741 | Palaeolabridae | 804910 | |
| Paleonisciformes | 804013 | <i>Palaeolabrus montanensis</i> | 804910 | |
| <i>Adroichthys tuberculatus</i> | 804927 | <i>Paraliodesmus guadagni</i> | 804006 | |
| <i>Aestuarchichthys fulcratus</i> | 804927 | Pycnodontomorpha | 805234 | |
| <i>Allenipterus montanus</i> | 805019 | <i>Anomoceodus</i> | 804735 | |
| <i>Australichthys longidorsalis</i> | 804927 | Semionotomorpha | 804735 | |
| <i>Dwykia anatisis</i> | 804927 | <i>Lepidotes</i> | 804009 | |
| <i>Mentzichthys jubbi</i> | 804927 | <i>Lepidotus</i> | 804735 | |
| <i>Mentzichthys maraisi</i> | 804927 | Teleostei | | |
| <i>Mentzichthys theroni</i> | 804927 | <i>Saurocephalus lanciformis</i> | 805234 | |
| <i>Soetendalichthys cromptoni</i> | 804927 | Elopomorpha | | |
| <i>Sundayichthys elegantulus</i> | 804927 | <i>Sedenhorstia dayi</i> | 803544 | |
| <i>Willomrichthys striatulus</i> | 804927 | <i>Sedenhorstia orientalis</i> | 803544 | |
| Pennsylvanian | | Elopiiformes | 805815 | |
| Dipnoi | | <i>Eodiaphyodus</i> | 807593 | |
| <i>Conchopoma edesi</i> | 806436 | <i>Parabula</i> | 807593 | |
| Permian | | Elopidae | | |
| Acanthodii | 806833 | <i>Holcolepis</i> | 804655 | |
| | | Leptolepidomorpha | | |
| | | <i>Clupavus casieri</i> | 805379 | |

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|---|-------------------------------------|--------|----------------------------------|--------|
| Stratigraphic distribution (continued) | <i>Pachyrhizodus marathonsensis</i> | 808136 | Salmonidae | 807168 |
| | <i>Sauropscephalus lanciformis</i> | 804481 | <i>Thaumaturus</i> | |
| | <i>Saurodon leanus</i> | 804481 | Scales | |
| | Osteoglossomorpha | | Holostei | 805600 |
| | <i>Ichthyodectes ctenodon</i> | 804655 | Teleostei | 805600 |
| | <i>Lycopera</i> | 806648 | | |
| | Percopsiformes | | Oligocene | |
| | Sphenocephalidae | 807262 | Myliobatidae | 805234 |
| | Ctenoisthiiformes | | <i>Aetobatus</i> | |
| | <i>Pattersonichthys delicatus</i> | 808504 | Carcharhinidae | |
| | Myctophoidae | | <i>Galeocerdo latidens</i> | 805234 |
| | Apateopholidae | 808504 | Isuridae | 805234 |
| | Cimolichthyidae | 808504 | Odontaspidae | |
| | <i>Enchodus</i> | 804735 | <i>Carcharias</i> | 805234 |
| | | 805234 | Fistulariidae | |
| | <i>Enchodus longipectoralis</i> | 805810 | <i>Fistularia</i> | 804620 |
| | | 808504 | Gobiidae | |
| | <i>Hemisaurida hakelensis</i> | 808504 | <i>Gobius sectus</i> | 805569 |
| | Ichthyotringoidae | 808504 | <i>Lepidogobius bifidus</i> | 805569 |
| | <i>Nematonotus longispinus</i> | 807262 | Priacanthidae | |
| | Prionolepididae | 808504 | <i>Pristigenys spinosus</i> | 805572 |
| | Sardinioidae | 808504 | Serranidae | |
| Paleocene | | | <i>Acanus</i> | 804620 |
| | Squalomorpha | 805234 | <i>Dapalis carinatus</i> | 805569 |
| | Centropomidae | | <i>Dapalis rhomboidalis</i> | 805569 |
| | <i>Kapuria bhargavai</i> | 808989 | Trichiuridae | |
| | Elopiformes | | <i>Lepidopus</i> | 804620 |
| | <i>Egertonia</i> | 807593 | Sphyracnoidei | |
| | <i>Eodiaphodus</i> | 807593 | <i>Sphyracna</i> | 805234 |
| | <i>Parabula</i> | 807593 | Cyprinodontidae | |
| | <i>Phyllodus tiliapicus</i> | 807593 | <i>Cyprinodon dentifer</i> | 805569 |
| | <i>Pseudoegertonia</i> | 807593 | <i>Cyprinodon subtrigonus</i> | 805569 |
| | Osteoglossidae | | Clupeidae | |
| | <i>Brychaetus caheni</i> | 803919 | <i>Pomolobus facilis</i> | 805572 |
| Eocene | | | Siluriformes | 805234 |
| | Myliobatidae | | Gadidae | |
| | <i>Myliobatis</i> | 805234 | <i>Palacogadus intergerinus</i> | 805572 |
| | | 805421 | Aphredoderidae | |
| | Pristidae | | <i>Trichophanes foliarum</i> | 807262 |
| | <i>Pristis</i> | 805234 | Umbridae | |
| | Carcharhinidae | | <i>Novumbra oregonensis</i> | 803656 |
| | <i>Galeocerdo latidens</i> | 805234 | Myctophidae | |
| | <i>Galeocerdo minor</i> | 805234 | <i>Eomycophum coxiae</i> | 805572 |
| | <i>Odontaspis macrota</i> | 805421 | Gonostomatidae | |
| | <i>Physodon</i> | 805385 | <i>Ildrissia carpiromanica</i> | 805572 |
| | Isuridae | 805234 | <i>Scopeloides paucis</i> | 805572 |
| | <i>Lamna obliqua</i> | 805421 | <i>Vinciguerra macarovi</i> | |
| | Odontaspidae | | Miocene | |
| | <i>Carcharias</i> | 805234 | Elasmobranchii | 807158 |
| | <i>Odontaspis</i> | 805385 | Myliobatidae | 804654 |
| | <i>Striatolamia macrota</i> | 805385 | <i>Myliobatis sinhalensis</i> | 804786 |
| | Pycnodontomorpha | | Carcharhinidae | |
| | <i>Pycnodus</i> | 805421 | <i>Hemipristis serra</i> | 804786 |
| | Semionotomorpha | 805234 | Cetorhynchidae | |
| | Teleostei | 805421 | <i>Cetorhinus maximus</i> | 804654 |
| | <i>Sauropscephalus lanciformis</i> | 805234 | Isuridae | 805234 |
| | Centrarchidae | | <i>Isurus hastalis</i> | 807965 |
| | <i>Priscaria</i> | 805600 | Odontaspidae | 804654 |
| | Centropomidae | | <i>Odontaspis acutissima</i> | 807965 |
| | <i>Kapuria bhargavai</i> | 808989 | Hexanchiformes | |
| | Cepolidae | | <i>Notidanus gigas</i> | 804654 |
| | <i>Cepola</i> | 805234 | <i>Notidanus primigenius</i> | 804654 |
| | Serranidae | | Teleostei | 807158 |
| | <i>Amphipercia</i> | 807168 | Trachichthyidae | |
| | <i>Smerdis</i> | 807168 | <i>Hoplostethus</i> | 806684 |
| | Clupeidae | | Gobiidae | 804470 |
| | <i>Knightia</i> | 805600 | <i>Gobius</i> | 806684 |
| | Elopiformes | | Cepolidae | |
| | <i>Egertonia</i> | 807593 | <i>Cepola prae-rubescens</i> | 806684 |
| | <i>Parabula</i> | 807593 | Mulidae | |
| | <i>Phyllodus tiliapicus</i> | 807593 | <i>Mullus gorjanovici</i> | 806421 |
| | Albulidae | | Sciaenidae | 804470 |
| | <i>Palaealbulus neocomiensis</i> | 805613 | | 807965 |
| | <i>Pterothrissus</i> | 805613 | Serranidae | 804470 |
| | Gadidae | | <i>Serranus</i> | 807965 |
| | <i>Palacogadus</i> | 805613 | Sparidae | |
| | <i>Ramiceps</i> | 805613 | <i>Chrysophrys doderleini</i> | 804470 |
| | Macrouridae | | <i>Dentex latior</i> | 804470 |
| | <i>Coelorthynchus rectus</i> | 805234 | <i>Dentex nobilis</i> | 807965 |
| | Merlucciidae | | Bothidae | |
| | <i>Rhinocephalus planiceps</i> | 807262 | <i>Euxichthys</i> | 804470 |
| | Lophiiformes | | Triglidae | |
| | <i>Histiogonotophorus bassani</i> | 807262 | <i>Trigla</i> | 804470 |
| | Percopsiformes | | | 806648 |
| | Asineopidae | 807262 | Clupeidae | |
| | Percopsidae | | <i>Clupea</i> | 804470 |
| | <i>Amphiplaga brachyptera</i> | 807262 | | 806684 |
| | <i>Erimatopterus levatus</i> | 807262 | | 807965 |
| | Esocidae | | <i>Sardina priska</i> | 807724 |
| | <i>Palaeosox</i> | 807168 | Congridae | |
| | Myctophidae | | <i>Conger muraena pontanelli</i> | 804470 |
| | <i>Diaphus</i> | 804014 | Elopiformes | |
| | | | <i>Phyllodus tiliapicus</i> | 807593 |

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|------------------------------------|--------|--------------------------------|--------|-----------|
| Cyprinidae | 808965 | Istiophoridae | | Evolution |
| Bregmacerotidae | | <i>Tetrapterus audax</i> | 807620 | |
| <i>Bregmaceros catulus</i> | 806684 | Scombridae | | |
| Gadidae | | <i>Thunnus thynnus</i> | 807620 | |
| <i>Merlangius spatulatus</i> | 807965 | Atherinomorpha | 807638 | |
| Macrouridae | 807965 | Characidae | | |
| <i>Macrourus</i> | 806684 | <i>Hemigrammus rhodostomus</i> | 806575 | |
| Moridae | | <i>Petitella georgiae</i> | 806575 | |
| <i>Lepidion miocenica</i> | 807177 | Gobiesociformes | | |
| Aphredoderidae | | <i>Derilissus nanus</i> | 807594 | |
| <i>Trichophanes foliarum</i> | 807262 | Myctophoidae | | |
| Argentinidae | | Enchodontoidei | 808504 | |
| <i>Argentina cyclomorpha</i> | 806684 | Halecoidei | 808504 | |
| <i>Argentina fragilis</i> | 806684 | Salmonidae | | |
| <i>Argentina rumana</i> | 804470 | <i>Salvelinus</i> | 807642 | |
| Bathylagidae | | Adenohypophysis | | |
| <i>Bathylagus sencta</i> | 807177 | Dipnoi | 808902 | |
| Umbridae | | Speciation | | |
| <i>Dallia</i> | 803656 | Petromyzontomorpha | 806543 | |
| Myctophidae | 804014 | Teleostei | 804330 | |
| <i>Diaphus murai</i> | 807177 | | 804909 | |
| <i>Hygophum germanicum</i> | 807965 | | 804909 | |
| <i>Lampadena nanac</i> | 807177 | | 805371 | |
| <i>Myctophum</i> | 806684 | | 805895 | |
| Gonostomatidae | | | 806543 | |
| <i>Bonapartia spina</i> | 807965 | Syngnathidae | | |
| <i>Ohus kitamurai</i> | 807177 | <i>Syngnathus scovelli</i> | 807017 | |
| Otoliths | | Cichlidae | 805461 | |
| Biochemistry | | | 808468 | |
| Teleostei | 803878 | <i>Haplochromis</i> | 804330 | |
| Pliocene | | | 804387 | |
| Elasmobranchii | 807159 | | 806106 | |
| Teleostei | 807159 | Claridae | | |
| Myctophidae | 804014 | <i>Bathyclarias</i> | 806106 | |
| Pleistocene | | <i>Dinopterus</i> | 806106 | |
| Semionotomorpha | 805234 | <i>Xenoclarus</i> | 806106 | |
| Centropomidae | | Salmonidae | | |
| <i>Kapurdia bhargavi</i> | 806063 | <i>Salmo</i> | 805879 | |
| Atherinidae | | Natural hybridization | | |
| <i>Chirostoma</i> | 804732 | Poeciliidae | | |
| Cyprinidae | | <i>Poecilia formosa</i> | 805252 | |
| <i>Barbus barbuis</i> | 807219 | Temperature | 809094 | |
| <i>Varicorhinus capoeta</i> | 807219 | Adaptive radiation | | |
| Ictaluridae | | Dipnoi | 808748 | |
| <i>Ictalurus</i> | 804482 | Rhipidistia | 808748 | |
| Myctophidae | 804014 | Coelacanthini | 808748 | |
| Salmonidae | | Teleostei | 804330 | |
| <i>Salmo trutta</i> | 807219 | | 808504 | |
| Origin of the vertebrates | 803576 | Explosive radiation | | |
| | 804586 | Cichlidae | 804330 | |
| | 804633 | <i>Haplochromis</i> | 805461 | |
| | 804716 | | 808468 | |
| | 804876 | Claridae | | |
| | 805720 | <i>Bathyclarias</i> | 806106 | |
| | 806572 | Extinction | | |
| | 806613 | Cephalaspidoformes | 806283 | |
| | 807940 | Pteraspidoformes | 806283 | |
| Agnatha | | Antiarchi | 806283 | |
| <i>Jamoytius kerwoodi</i> | 804725 | Arthrodira | 806283 | |
| Birkeniiformes | | Chondrostei | 806283 | |
| <i>Jamoytius kerwoodi</i> | 808954 | Holostei | 806283 | |
| Origin of the tetrapods | 803690 | Teleostei | 806283 | |
| | 804876 | Ictaluridae | | |
| | 805237 | <i>Noturus flavipinnis</i> | 807152 | |
| | 808777 | Isolating mechanisms | | |
| Rhipidistia | 807170 | Anabantidae | | |
| | 807174 | <i>Ctenopoma damasi</i> | 808979 | |
| | 807964 | <i>Ctenopoma muriei</i> | 808979 | |
| | 808748 | Belontiidae | | |
| Osteolepidomorpha | 807055 | <i>Colisa labiosa</i> | 806371 | |
| | 807940 | <i>Colisa lalia</i> | 806371 | |
| Nitrogen metabolism | 809067 | Blenniidae | | |
| Metencephalon | 806092 | <i>Hypsoblennius</i> | 803625 | |
| Aerial respiration | 805214 | Cichlidae | | |
| Convergence and parallelism | | <i>Haplochromis</i> | 804387 | |
| Petromyzontomorpha | 807640 | | 806106 | |
| Cladoselachomorpha | | <i>Tilapia</i> | 804330 | |
| <i>Bandringa rayi</i> | 803581 | Percidae | | |
| Carcharhinidae | | <i>Etheostoma radiosum</i> | 807573 | |
| <i>Mitsukurina owstoni</i> | 803581 | <i>Etheostoma spectabile</i> | 807573 | |
| Isuridae | | <i>Percina notogramma</i> | 807600 | |
| <i>Isurus oxyrinchus</i> | 803721 | <i>Percina peltata</i> | 807600 | |
| <i>Lamna nasus</i> | 803721 | Cottidae | | |
| Dipnoi | 808748 | <i>Cottus gobio</i> | 805199 | |
| Osteolepidomorpha | 807055 | <i>Cottus poecilopus</i> | 805199 | |
| Acipenseromorpha | 807640 | Poeciliidae | | |
| Scimionotomorpha | 807055 | <i>Phallichthys amates</i> | 805410 | |
| Teleostei | 805021 | <i>Poecilia</i> | 805410 | |
| | 807640 | <i>Poecilia melanogaster</i> | 805410 | |
| Blennioidae | 807638 | <i>Xiphophorus helleri</i> | 805410 | |
| Carangidae | 807638 | <i>Xiphophorus maculatus</i> | 805410 | |
| Cichlidae | 806106 | | | |
| Scombroidei | 807638 | | | |

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| Evolution (continued) | Cyprinidae | | Coloration | |
| | <i>Clinostomus funduloides</i> | 806871 | Abnormality | |
| | <i>Notropis cornutus</i> | 806871 | Pleuronectidae | |
| Variation | <i>Notropis rubellus</i> | 806871 | <i>Pleuronectes platessa</i> | 804331 |
| | Osmeridae | | Armor | |
| | <i>Hypomesus transpacificus</i> | 807118 | Gasterosteidae | |
| Experimental analysis | Gasterosteidae | | <i>Gasterosteus aculeatus</i> | 807572 |
| | <i>Gasterosteus aculeatus</i> | 807473 | Immunological analysis | |
| | <i>Gasterosteus wheatlandi</i> | 807473 | Populations | |
| Cyprinidae | Cyprinidae | | Salmonidae | |
| | <i>Mylocheilus caurinus</i> | 806998 | <i>Salmo clarki</i> | 807958 |
| | <i>Richardsonius balteatus</i> | 806998 | Fecundity | |
| Seasonal sexual coloration | Experimental analysis | | Egg size | |
| | Gasterosteidae | | Salmonidae | |
| | <i>Gasterosteus aculeatus</i> | 807543 | <i>Oncorhynchus nerka</i> | 807378 |
| Ecotypes | Populations | | Sexual dimorphism | |
| | Gasterosteidae | | Poeciliidae | |
| | <i>Gasterosteus aculeatus</i> | 807543 | <i>Poecilia reticulata</i> | 804360 |
| Seasonal races | Salmonidae | | Sexually dimorphic fins | |
| | <i>Salmo gairdneri</i> | 806027 | Cyprinodontidae | |
| | Salmonidae | | <i>Epiplatys setfasciatus</i> | 806088 |
| Temperature | Salmonidae | | Change with age | |
| | <i>Salmo gairdneri</i> | 806017 | Cyprinidae | |
| | Elasmobranchii | 806740 | <i>Abramis brama</i> | 806416 |
| Telostei | Salmonidae | | <i>Gobio gobio</i> | 804933 |
| | Populations | | Salmonidae | |
| | Salmonidae | | <i>Coregonus autumnalis</i> | 807695 |
| Multiple choice testing | Experimental analysis | | Rate of growth | |
| | Poeciliidae | | Percidae | |
| | <i>Niphophorus helleri</i> | 808326 | <i>Stizostedion lucioperca</i> | 807689 |
| Introgressive hybridization | <i>Niphophorus maculatus</i> | 808326 | Cyprinidae | |
| | Percidae | | Osmeridae | |
| | <i>Etheostoma radiosum X</i> | | <i>Osmerus mordax</i> | 804390 |
| Percidae | <i>Etheostoma spectabile X</i> | 807573 | Weight length relationship | |
| | <i>Perca pelata X</i> | | Seasonal changes | |
| | <i>Perca notogramma X</i> | 807600 | Clupeidae | |
| Poeciliidae | Poeciliidae | | <i>Clupea harengus</i> | 807733 |
| | <i>Poecilia mexicana</i> | 806268 | Evolutionary adaptation | |
| | Subspecies | | Subterranean waters | |
| Hemoglobin | Catostomidae | | Amblyopsidae | |
| | <i>Catostomus plebeius</i> | 807568 | Populations | |
| | Subspecies | | Chlorophthalmidae | |
| Percidae | Percidae | | <i>Chlorophthalmus agassizi</i> | 807369 |
| | <i>Stizostedion vitreum</i> | 807175 | Fry | |
| Sibling species | Aridae | | Salmonidae | |
| | <i>Arius</i> | 807444 | <i>Oncorhynchus gorbuscha</i> | 808924 |
| | <i>Arius mercatoris</i> | 807444 | <i>Oncorhynchus nerka</i> | 808925 |
| Gadidae | Gadidae | | Rate of growth | |
| | <i>Gadus morhua</i> | 807514 | Clupeidae | |
| | Geminata species | | <i>Clupea pallasii</i> | 804432 |
| Intraspecific variation | Telostei | 807444 | Length frequency | |
| | Scorpaenidae | | Pleuronectidae | |
| | <i>Scorpaenopsis mentella</i> | 807444 | <i>Parophrys vetulus</i> | 806195 |
| Atherinidae | <i>Atherina boyeri</i> | 807444 | Neoplastic diseases | |
| | <i>Atherina hepsetus</i> | 807444 | Pleuronectidae | |
| | <i>Atherina presbyter</i> | 807444 | <i>Parophrys vetulus</i> | 806195 |
| Clupeidae | Clupeidae | | Habitat preference | |
| | <i>Clupea harengus</i> | 807741 | Fry | |
| | Clupeidae | | Salmonidae | |
| Totalandria | <i>Volurus</i> | 807152 | <i>Oncorhynchus gorbuscha</i> | 808924 |
| | Salmonidae | | Migrations | |
| | <i>Salmo</i> | 807714 | Salmonidae | |
| Meristius | <i>Rastrelliger kanagurta</i> | 808594 | <i>Oncorhynchus masou</i> | 805674 |
| | Descriptive evolution | | Scale age study | |
| | Amblyopsidae | | Salmonidae | |
| Morphometrics | <i>Chirogaster agassizi</i> | 808168 | <i>Oncorhynchus nerka</i> | 807916 |
| | Populations | | Salmonidae | |
| | <i>Poecilia reticulata</i> | 804573 | <i>Oncorhynchus keta</i> | 804884 |
| Clupeidae | Clupeidae | | Geographic variation | |
| | <i>Opisthopterus tardoore</i> | 808588 | Gasterosteidae | |
| | Salmonidae | | <i>Gasterosteus aculeatus</i> | 807572 |
| Meristius | Cyprinidae | | Scorpaenidae | |
| | <i>Barbus meridionalis</i> | 804096 | <i>Scarus ghobban</i> | 807610 |
| | Lipid and fatty acid content | | <i>Scarus rubroviolaceus</i> | 807610 |
| Engraulidae | Engraulidae | | Carangidae | |
| | <i>Engraulis mordax</i> | 808333 | <i>Decapterus kiliche</i> | 807662 |
| | | | <i>Elagatis bipinnulata</i> | 807611 |
| Pleuronectidae | Pleuronectidae | | Percidae | |
| | <i>Pellonharphus novaezealandiae</i> | 807069 | <i>Etheostoma jordani</i> | 804010 |
| | <i>Rhomboideus retiana</i> | 807069 | <i>Etheostoma tippecanoe</i> | 804010 |
| Cottidae | Myoxocephalus | | Scombridae | |
| | Cyprinidae | | <i>Thunnus alalunga</i> | 808002 |
| | <i>Gobio gobio</i> | 807739 | Pleuronectidae | |
| Neotriplescopus | <i>Neotriplescopus</i> | 807614 | <i>Pellonharphus novaezealandiae</i> | 807069 |
| | <i>Phoxinus phoxinus</i> | 807616 | <i>Rhomboideus retiana</i> | 807069 |
| | <i>Phoxinus erythrogaster</i> | 807616 | Cottidae | |
| Scardinius erythrophthalmus | <i>Scardinius erythrophthalmus</i> | 807740 | Myoxocephalus | |
| | | | Cyprinidae | |
| | | | <i>Gobio gobio</i> | 807739 |
| | | | <i>Neotriplescopus</i> | 807614 |
| | | | <i>Phoxinus phoxinus</i> | 807616 |
| | | | <i>Phoxinus erythrogaster</i> | 807616 |
| | | | <i>Scardinius erythrophthalmus</i> | 807740 |

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|-----------------------------------|--------|-----------------------------------|--------|-------------|
| Gadidae | | Age length relationship | | Evolution |
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| | Neritic zone | | | Bathylagidae | | |
| | Syngnathidae | | 808788 | <i>Bathylagus</i> | | 806736 |
| | Epipelagic zone | | | <i>Microstoma</i> | | 806736 |
| | Mullidae | | 806736 | Opisthoproctidae | | |
| | Bothidae | | 806736 | <i>Opisthoproctus</i> | | 806736 |
| | Scorpaenidae | | | <i>Winteria</i> | | 805735 |
| | <i>Sebastes melanops</i> | | 807540 | Ipnopidae | | |
| | Clupeidae | | | Omosudidae | | 806736 |
| | Myctophidae | | 806736 | <i>Omosudis</i> | | |
| | Myctophidae | | | Paralepididae | | |
| | <i>Goniichthys coecor</i> | | 806662 | <i>Paralepis</i> | | 806736 |
| | Astronesthidae | | | Scopelarchidae | | |
| | <i>Astronesthes</i> | | 806736 | <i>Odontostomops</i> | | 806736 |
| | <i>Astronesthes niger</i> | | 806662 | Scopelosauridae | | |
| | Chauliodontidae | | | <i>Scopelosaurus</i> | | 806736 |
| | <i>Chauliodus</i> | | 806736 | | | |

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|----------------------------------|--------|----------------------------------|--------|-------------|
| Astronesthidae | | Carangidae | | Ecology |
| <i>Borostomias</i> | 806736 | <i>Trachurus japonicus</i> | 805205 | (continued) |
| Gonostomatidae | 806736 | | 805206 | |
| Malacosteidae | | Chaetodontidae | | |
| <i>Malacosteus</i> | 806736 | <i>Heniochus acuminatus</i> | 805206 | |
| Sternopygidae | | <i>Microcanthus strigatus</i> | 805206 | Habitats |
| <i>Argyroplecus</i> | 806736 | Embiotocidae | | |
| <i>Polyipnus</i> | 806736 | <i>Ditrema temmincki</i> | 805205 | |
| Stomiidae | 806736 | | 805206 | |
| Abyssopelagic zone | | Gerresidae | | |
| Teleostei | 808754 | <i>Gerres japonicus</i> | 805205 | |
| Chiasmodontidae | | | 805206 | |
| <i>Dysalotus alcocki</i> | 806736 | <i>Gerres macrostoma</i> | 805205 | |
| Nemichthyidae | | | 805206 | |
| <i>Nematoprorca polygonifera</i> | 806736 | Kyphosidae | | |
| Melanocetidae | | <i>Girella punctata</i> | 805205 | |
| <i>Melanocetus johnsoni</i> | 806736 | | 805206 | |
| Cetomimidae | | Leiognathidae | | |
| <i>Cetosoma regani</i> | 806736 | <i>Leiognathus nuchalis</i> | 805205 | |
| Giganturidae | | | 805206 | |
| <i>Gigantura chuni</i> | 806736 | Lethrinidae | | |
| Bathylagidae | | <i>Lethrinus nematocanthus</i> | 805205 | |
| <i>Xenopthalmichthys</i> | 806736 | | 805206 | |
| Paralepididae | | Lutjanidae | | |
| <i>Lestidium</i> | 806736 | <i>Lutjanus russelli</i> | 805205 | |
| Sargassum environment | | | 805206 | |
| Scaridae | | Mullidae | | |
| <i>Nicholsina denticulata</i> | 807610 | <i>Upeneus bensasi</i> | 805205 | |
| Intertidal zone | | <i>Upeneus tragula</i> | 805205 | |
| Teleostei | 806057 | <i>Upeneus vittatus</i> | 805205 | |
| | 807091 | Pomacentridae | | |
| Blenniidae | 807091 | <i>Chromis notatus</i> | 805206 | |
| Gobiidae | 807091 | Pomadasyidae | | |
| Labridae | 807091 | <i>Plectorhynchus pictus</i> | 805206 | |
| Mugiloidi | 807091 | Pomatomidae | | |
| Chaetodontidae | 807091 | <i>Scombroops boops</i> | 805205 | |
| Pomacentridae | 807091 | | 805206 | |
| Tetraodontidae | 807091 | Serranidae | | |
| Muraenidae | 807091 | | 805205 | |
| Habitat preservation | | Sillaginidae | | |
| Teleostei | 803525 | <i>Sillago sihama</i> | 805205 | |
| Sublittoral zone | | | 805206 | |
| Teleostei | 807233 | Sparidae | | |
| Labridae | | <i>Chrysophrys major</i> | 805205 | |
| <i>Pimelometopon pulchrum</i> | 807226 | Theraponidae | | |
| Embiotocidae | | <i>Therapon oxyrhynchus</i> | 805205 | |
| <i>Brachyistius frenatus</i> | 807226 | | 805206 | |
| Serranidae | | Sphyrnaeidae | | |
| <i>Paralabrax clathratus</i> | 807226 | <i>Sphyrna japonica</i> | 805205 | |
| Vascular plants | | | 805206 | |
| <i>Zostera</i> | | Centrolophidae | | |
| Teleostei | 805205 | <i>Psenopsis anomala</i> | 805206 | |
| Dactylopteriformes | | Mugiloidae | | |
| <i>Dactyloptena orientalis</i> | 805206 | <i>Chilias snyderi</i> | 805206 | |
| Aulorhynchidae | | Bothidae | | |
| <i>Aulichthys japonicus</i> | 805205 | <i>Paralichthys olivaceus</i> | 805205 | |
| | 805206 | <i>Pseudorhombus cinnamomeus</i> | 805205 | |
| Syngnathidae | 805206 | <i>Tarphops oligolepis</i> | 805205 | |
| <i>Hippocampus coronatus</i> | 805205 | Pleuronectidae | | |
| <i>Syngnathus schlegelii</i> | 805205 | <i>Kareius bicoloratus</i> | 805206 | |
| <i>Urocampus rikuzenius</i> | 805205 | <i>Pleuronichthys cornutus</i> | 805206 | |
| Acanthuridae | | Soleidae | | |
| <i>Prionurus microlepidotus</i> | 805205 | <i>Heteromyceteris japonicus</i> | 805206 | |
| | 805206 | <i>Zebrias zebra</i> | 805206 | |
| Siganidae | | Congiopodoidei | | |
| <i>Siganus fuscescens</i> | 805205 | <i>Hypodytes rubripinnis</i> | 805205 | |
| | 805206 | | 805206 | |
| Blenniidae | | Cottidae | | |
| <i>Dasson trossulus</i> | 805205 | <i>Pseudoblennius cottoides</i> | 805205 | |
| | 805206 | <i>Pseudoblennius percoides</i> | 805205 | |
| <i>Neoclinus bryope</i> | 805205 | <i>Vellitor centropomus</i> | 805205 | |
| | 805206 | Hexagrammidae | | |
| Pholididae | | <i>Agrammus agrammus</i> | 805205 | |
| <i>Enedrias nebulosus</i> | 805205 | | 805206 | |
| | 805206 | <i>Hexagrammos otaki</i> | 805205 | |
| Stichacidae | | | 805206 | |
| <i>Zoarchias</i> | 805206 | Platycephaloidei | | |
| Callionymoidei | | <i>Cocciella crocodila</i> | 805205 | |
| <i>Callionymus richardsoni</i> | 805205 | | 805206 | |
| | 805206 | <i>Inegocia japonica</i> | 805206 | |
| Gobiidae | 805206 | | 805205 | |
| Labridae | 805205 | <i>Platycephalus indicus</i> | 805206 | |
| | 805206 | | 805205 | |
| Mugiloidi | | Scorpaenidae | | |
| <i>Mugil cephalus</i> | 805205 | <i>Sebastes oblongus</i> | 805205 | |
| | 805206 | <i>Sebastes pachycephalus</i> | 805205 | |
| Aplodactylidae | | <i>Sebastiscus marmoratus</i> | 805205 | |
| <i>Goniistius zonatus</i> | 805205 | Synanceiidae | | |
| | 805206 | <i>Erosa erosa</i> | 805206 | |
| Apogonidae | 805205 | <i>Intimicus japonicus</i> | 805206 | |
| | 805206 | Balistidae | 805206 | |

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|------------------------|--------------------------------|--------|-----------------|---------------------------------|--------|
| Ecology (continued) | <i>Brachaluteres ulvarum</i> | | Adaptation | | |
| | • Tetraodontidae | 805205 | | Salmonidae | |
| Habitats | Diodontidae | | | <i>Salmo trutta</i> | 806832 |
| | <i>Diodon holocanthus</i> | 805206 | | <i>Salvelinus alpinus</i> | 806832 |
| | Ostraciidae | | Productivity | Salmonidae | |
| | <i>Ostracion tuberculatus</i> | 805206 | | <i>Oncorhynchus nerka</i> | 807424 |
| | Tetraodontidae | 805206 | | <i>Salmo salar</i> | 807440 |
| | Exocoetidae | | | <i>Salvelinus alpinus</i> | 806989 |
| | <i>Hemiramphus sajori</i> | 805206 | Eutrophic lakes | | |
| | Clupeidae | | | Dipnoi | 805461 |
| | <i>Konosirus punctatus</i> | 805205 | | Gasterosteidae | |
| | | 805206 | | <i>Gasterosteus aculeatus</i> | 807275 |
| | Engraulidae | | | Cichlidae | 805461 |
| | <i>Etrumeus micropus</i> | 805205 | | <i>Tilapia shirana</i> | 803650 |
| | | 805206 | | Percidae | 807668 |
| | Anguillidae | | | Cobitidae | |
| | <i>Anguilla japonica</i> | 805206 | | <i>Cobitis aurata</i> | 807239 |
| | Congridae | | | <i>Noemacheilus barbatulus</i> | 807239 |
| | <i>Anago anago</i> | 805206 | | Cyprinidae | 805461 |
| | <i>Astroconger myriaster</i> | 805206 | | | 807239 |
| | Ophichthidae | | | <i>Barbus paludinosus</i> | 807668 |
| | <i>Ophichthus urolophus</i> | 805206 | | Siluriformes | 803650 |
| | Plotosidae | | | Clariidae | 805461 |
| | <i>Plotosus anguillaris</i> | 805205 | | <i>Clarias mossambicus</i> | 803650 |
| | | 805206 | | Mormyridae | 805461 |
| | Antennariidae | | | Salmonidae | |
| | <i>Antennarius tridens</i> | 805206 | | <i>Coregonus peled</i> | 807668 |
| | Synodontidae | | | <i>Oncorhynchus nerka</i> | 807275 |
| | <i>Saurida argyrophanes</i> | 805205 | | <i>Salmo gairdneri</i> | 808798 |
| | | 805205 | | <i>Salvelinus malma</i> | 807275 |
| | <i>Trachinocephalus myops</i> | 805206 | Productivity | | |
| Bathyal zone | | | | Winterkill | |
| | Ophidiidae | 805735 | | Esocidae | |
| | Lophiiformes | 805735 | | <i>Esox lucius</i> | 807895 |
| | Bathypteroidae | 805735 | Ponds | | |
| Subzero waters | | | | Cichlidae | 806089 |
| | Channichthyidae | 804247 | | Poeciliidae | |
| | <i>Pagetopsis macropterus</i> | 803967 | | <i>Gambusia affinis</i> | 807179 |
| | Nototheniidae | 803967 | | Characidae | 806089 |
| | | 804247 | | Erythrinidae | 806089 |
| Adaptation | | | | Gasteropercleidae | 806089 |
| | Cottidae | | | Callichthyidae | 806089 |
| | <i>Myoxocephalus scorpius</i> | 804965 | | Cetopsidae | 806089 |
| | <i>Taurulus bubalis</i> | 804965 | | Loricariidae | 806089 |
| | Biochemical blood constituents | | | Trichomycteridae | 806089 |
| | Nototheniidae | 809029 | | Strip mines | |
| Acclimation | | | | Teleostei | 808632 |
| | Biochemical blood constituents | | | Cyprinidae | 808632 |
| | Cyprinodontidae | | Reservoirs | | |
| | <i>Fundulus heteroclitus</i> | 805400 | | Acipenseromorpha | 807660 |
| Effect on fish | | | | <i>Acipenser gueldenstaedti</i> | 808464 |
| | Acclimation | | | <i>Acipenser ruthenus</i> | 807671 |
| | Cottidae | 807145 | | Semionotomorpha | 808464 |
| | Cyclopteridae | | | Teleostei | 807701 |
| | <i>Liparis koefoedi</i> | 807145 | | | 808464 |
| | Cyprinodontidae | | | | 808630 |
| | <i>Fundulus heteroclitus</i> | 807145 | | | 808792 |
| | Gadidae | 807145 | | | 808793 |
| | Biochemical blood constituents | | | Gasterosteidae | |
| | Cottidae | 807145 | | <i>Gasterosteus aculeatus</i> | 808354 |
| | Cyclopteridae | | | Belontiidae | 808630 |
| | <i>Liparis koefoedi</i> | 807145 | | Gobiidae | |
| | Cyprinodontidae | | | <i>Neogobius fluviatilis</i> | 808354 |
| | <i>Fundulus heteroclitus</i> | 805707 | | Mugiloidae | |
| | | 807145 | | <i>Rhinomugil corsula</i> | 806902 |
| | Gadidae | 807145 | | Centrarchidae | |
| | Evolutionary adaptation | | | <i>Pomoxis annularis</i> | 808466 |
| | Biochemical blood constituents | | | | 808796 |
| | Nototheniidae | | | Cichlidae | |
| | <i>Trematomus</i> | 808762 | | <i>Tilapia</i> | 807193 |
| Brackish environment | | | | Percidae | |
| | Elasmobranchii | 808579 | | <i>Perca fluviatilis</i> | 807718 |
| | Dasyatidae | | | <i>Stizostedion canadense</i> | 808795 |
| | <i>Dasyatis margarita</i> | 806120 | | <i>Stizostedion lucioperca</i> | 808802 |
| | <i>Urogyminus africanus</i> | 806120 | | <i>Stizostedion vitreum</i> | 807718 |
| | Teleostei | 808579 | | Poeciliidae | 808802 |
| Mineral waters | | | | <i>Gambusia affinis</i> | 808348 |
| | Cyprinodontidae | 804468 | | Clupeidae | |
| | Description and occurrence | | | <i>Alosa kessleri</i> | 807748 |
| | Cichlidae | | | <i>Caspilosa kessleri</i> | 807679 |
| Lentic waters | <i>Tilapia grahami</i> | 806107 | | <i>Dorosoma petenense</i> | 808466 |
| Teleostei | | | | Anguillidae | |
| Lakes | | 808613 | | <i>Anguilla anguilla</i> | 806814 |
| | Teleostei | 805371 | | Characidae | 807193 |
| Oligotrophic lakes | | | | Catostomidae | |
| | Descriptive evolution | | | <i>Catostomus commersoni</i> | 807800 |
| | Evolutionary adaptation | | | Cobitidae | 808348 |
| | Cichlidae | 808468 | | | 808630 |

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|------------------------------------|--------|-------------------------------------|--------|----------------|--|
| Cyprinidae | 808348 | Lotic waters | | Ecology | |
| | 808630 | Teleostei | 807434 | (continued) | |
| <i>Abramis ballerus</i> | 807693 | | 808613 | | |
| | 807702 | Cichlidae | 805461 | | |
| <i>Abramis brama</i> | 804433 | Cyprinidae | 805461 | | |
| <i>Barbus kolus</i> | 807648 | Siluriformes | 805461 | | |
| <i>Cyprinus carpio</i> | 808571 | Mormyridae | 805461 | | |
| | 806814 | Torrential streams | | | |
| <i>Gobio gobio</i> | 807690 | Cyprinidae | | | |
| <i>Leuciscus idus</i> | 808354 | <i>Gila cypha</i> | 804468 | | |
| <i>Rutilus rutilus</i> | 804433 | Homalopteridae | 805671 | | |
| <i>Scardinius erythrophthalmus</i> | 804433 | Amblycipitidae | | | |
| Bagridae | 808630 | <i>Acrochordonichthys rugosus</i> | 805671 | | |
| Siluridae | 808630 | Sisoridae | | | |
| Mormyridae | 807193 | <i>Glyptothorax major</i> | 805671 | | |
| Esocidae | | <i>Glyptothorax platypogonoides</i> | 805671 | | |
| <i>Esox lucius</i> | 807718 | Fast flowing streams | | | |
| | 808801 | Teleostei | 806123 | | |
| | 808802 | Cichlidae | 806089 | | |
| Osmeridae | | Characidae | 806089 | | |
| <i>Osmerus eperlanus</i> | 807687 | Erythrinidae | 806089 | | |
| | 807718 | Gasteropelecidae | 806089 | | |
| Salmonidae | | Cyprinidae | | | |
| <i>Oncorhynchus nerka</i> | 807800 | <i>Barbus meridionalis</i> | 804770 | | |
| <i>Salmo gairdneri</i> | 808466 | Callichthyidae | 806089 | | |
| Effect on fish | | Loricariidae | 806089 | | |
| Migrations | | Pimelodontidae | 806089 | | |
| Salmonidae | | Trichomycteridae | 806089 | | |
| <i>Oncorhynchus tshawytscha</i> | 808651 | Salmonidae | 807775 | | |
| | 808656 | <i>Salvelinus fontinalis</i> | 803585 | | |
| Inorganics in water | | Productivity | | | |
| Sulfide | | Salmonidae | | | |
| Effect on fish | | <i>Salvelinus fontinalis</i> | 806972 | | |
| Teleostei | 806158 | Slow flowing streams | | | |
| Seasonal changes | | Teleostei | 806123 | | |
| Cyprinidae | | Cichlidae | 806089 | | |
| <i>Catla catla</i> | 805197 | Cyprinodontidae | 806089 | | |
| <i>Cirrhina mrigala</i> | 805197 | Anostomidae | 806089 | | |
| <i>Labeo rohita</i> | 805197 | Characidae | 806089 | | |
| Habitat preference | | Erythrinidae | 806089 | | |
| Introduction for fishery | | Apterontidae | 806089 | | |
| Acipenseromorpha | | Callichthyidae | 806089 | | |
| <i>Acipenser gueldenstaedti</i> | 808461 | Cetopsidae | 806089 | | |
| <i>Acipenser ruthenus</i> | 808461 | Loricariidae | 806089 | | |
| Centrarchidae | | Pimelodontidae | 806089 | | |
| <i>Lepomis gibbosus</i> | 808461 | Trichomycteridae | 806089 | | |
| <i>Micropterus salmoides</i> | 808461 | Subterranean waters | | | |
| Percidae | 808461 | Adaptive evolution | | | |
| Clupeidae | | Teleostei | 805735 | | |
| <i>Clupeonella delicatula</i> | 808461 | Description and occurrence | | | |
| Anguillidae | | Gobiidae | 805933 | | |
| <i>Anguilla anguilla</i> | 808461 | Ophidiidae | 805933 | | |
| Cyprinidae | 808461 | Adaptation | | | |
| Siluridae | | Characidae | | | |
| <i>Silurus glanis</i> | 808461 | <i>Astyanax jordani</i> | 807169 | | |
| Gadidae | | <i>Astyanax mexicanus</i> | 804484 | | |
| <i>Lota lota</i> | 808461 | Amblyopsidae | 807169 | | |
| Esocidae | | Evolutionary adaptation | | | |
| <i>Esox lucius</i> | 808461 | Amblyopsidae | 808771 | | |
| Salmonidae | 808461 | Aggressive behavior | | | |
| Fisheries improvement | | Poeciliidae | | | |
| Salmonidae | | <i>Poecilia sphenops</i> | 806142 | | |
| <i>Oncorhynchus kisutch</i> | 808526 | Courtsip | | | |
| Dams and barriers | | Poeciliidae | | | |
| Fisheries improvement | 808462 | <i>Poecilia sphenops</i> | 806142 | | |
| Swamps and marshes | | Marine | | | |
| Dipnoi | 805371 | Gobiidae | 807209 | | |
| Teleostei | 805371 | Apogonidae | | | |
| Cichlidae | 805461 | <i>Apogon imberbis</i> | 807209 | | |
| Mangrove swamps | | Ophidiidae | | | |
| Gobiidae | | <i>Oligopus ater</i> | 807209 | | |
| <i>Periophthalmus</i> | 809057 | Thermal springs | | | |
| Stagnant waters | | Teleostei | 804468 | | |
| Dipnoi | 805371 | Cyprinodontidae | 804468 | | |
| Polypteromorpha | 805371 | Cyprinidae | 804468 | | |
| Teleostei | 805371 | Manmade habitats | | | |
| Astatic waters | | Effect on fish | | | |
| Semionotomorpha | | Intregressive hybridization | | | |
| <i>Lepisosteus</i> | 804376 | Percidae | | | |
| Teleostei | 804468 | <i>Etheostoma radiosum</i> | 807573 | | |
| Cyprinodontidae | | <i>Etheostoma spectabile</i> | 807573 | | |
| <i>Rivulus beniensis</i> | 806670 | Littoral zone | | | |
| Clariidae | | Experimental analysis | | | |
| <i>Clarias gariepinus</i> | 803804 | Elasmobranchii | 807188 | | |
| Ictaluridae | | Teleostei | 807188 | | |
| <i>Ictalurus</i> | 804376 | Embiotocidae | 807188 | | |
| Productivity | | Serranidae | | | |
| Cyprinidae | | <i>Paralabrax clathratus</i> | 807188 | | |
| <i>Leuciscus idus</i> | 807200 | <i>Paralabrax nebulifer</i> | 807188 | | |
| Esocidae | | Scorpaenidae | 807188 | | |
| <i>Esox lucius</i> | 807200 | | | | |

| Ecology (continued) | Distribution within habitat | | Sonar observation | |
|------------------------|---------------------------------|--------|--|--------|
| | Cichlidae | | Schooling | |
| | <i>Haplochromis</i> | 806106 | Teleostei | 808000 |
| | Scombridae | | Captive vs natural fishes | |
| | <i>Thunnus albacares</i> | 803739 | Fry | |
| Habitats | Clupeidae | | Salmonidae | |
| | <i>Dorosoma cepedianum</i> | 806168 | <i>Oncorhynchus masou</i> | 804953 |
| | <i>Dorosoma petenense</i> | 806168 | Cover | |
| | Salmonidae | | Salmonidae | |
| | <i>Oncorhynchus</i> | 806507 | <i>Salmo gairdneri</i> | 807775 |
| | <i>Salmo gairdneri</i> | 806252 | <i>Salmo trutta</i> | 807775 |
| | <i>Salmo trutta</i> | 804667 | <i>Salvelinus fontinalis</i> | 807775 |
| | | 806252 | Vertical distribution | |
| | <i>Salvelinus alpinus</i> | 806254 | Elasmobranchii | 806740 |
| | <i>Salvelinus fontinalis</i> | 806254 | | 808188 |
| | Experimental analysis | 804667 | | 808409 |
| | Salmonidae | | Dasyatidae | |
| | <i>Oncorhynchus tshawytscha</i> | 806025 | <i>Dasyatis centroura</i> | 804187 |
| | <i>Salmo gairdneri</i> | 806025 | Teleostei | 806740 |
| Larva | | | | 807227 |
| | Percidae | | | 808188 |
| | <i>Perca flavescens</i> | 807561 | | 808409 |
| | <i>Stizostedion vitreum</i> | 807561 | | 808576 |
| | Bothidae | | Holocentridae | |
| | <i>Paralichthys albigutta</i> | 806653 | <i>Holocentrus ascensionis</i> | 803769 |
| | <i>Paralichthys dentatus</i> | 806653 | Anarhichadidae | 806559 |
| | <i>Paralichthys lethostigma</i> | 806653 | Gobiidae | |
| Fry | | | <i>Pariah scotius</i> | 805402 |
| | Salmonidae | | Labridae | 805111 |
| | <i>Salmo gairdneri</i> | 807340 | Nototheniidae | 804184 |
| Juvenile | | | <i>Dissostichus mawsoni</i> | 804557 |
| | Nototheniidae | | Branchiostegidae | |
| | <i>Dissostichus mawsoni</i> | 805048 | <i>Caulolatilus microps</i> | 806495 |
| | <i>Trematomus borchgrevinki</i> | 805048 | <i>Chropholatilus chamaeleonticeps</i> | 806495 |
| Change with age | | | Carangidae | |
| | Cottidae | | <i>Trachurus trachurus</i> | 806480 |
| | <i>Cottus gobio</i> | 803678 | <i>Trachurus trecae</i> | 806480 |
| | Cyprinidae | 803678 | Chaetodontidae | |
| Temperature | | | <i>Bauchotia marcellae</i> | 805111 |
| | Cyprinidae | 806640 | <i>Chaetodon hoefleri</i> | 805111 |
| | Ovarian cycles | | <i>Chaetodon luciae</i> | 805111 |
| | Poeciliidae | | Cichlidae | |
| | <i>Gambusia affinis</i> | 807179 | <i>Haplochromis</i> | 806349 |
| Change with age | | | Lutjanidae | |
| | Poeciliidae | | <i>Pristipomoides andersoni</i> | 804673 |
| | <i>Gambusia affinis</i> | 807179 | Pomacentridae | 806977 |
| Water movement | | | Sciaenidae | |
| Geographic variation | | | <i>Cynoscion virescens</i> | 807029 |
| | Percidae | | <i>Micropogon furnieri</i> | 807029 |
| | <i>Perca fluviatilis</i> | 806133 | <i>Pseudotolithus senegalensis</i> | 805648 |
| | Cottidae | | <i>Pseudotolithus typus</i> | 805648 |
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| | Cobitidae | | <i>Epinephelus flavolimbatus</i> | 806495 |
| | <i>Noemacheilus barbatulus</i> | 806133 | <i>Epinephelus nigritus</i> | 806495 |
| | Cyprinidae | 806133 | Sparidae | |
| | Gadidae | | <i>Dentex macrophthalmus</i> | 806480 |
| | <i>Lota lota</i> | 806133 | <i>Dentex maroccanus</i> | 806480 |
| | Esocidae | | Pleuronectidae | |
| | <i>Esox lucius</i> | 806133 | <i>Reinhardtius hippoglossoides</i> | 807106 |
| | Salmonidae | 806133 | Anoplopomatidae | |
| Salinity | | | <i>Anoplopoma fimbria</i> | 805948 |
| | Experimental analysis | | Scorpaenidae | |
| | Sciaenidae | | <i>Pontinus longispinis</i> | 804673 |
| | <i>Leiostomus xanthurus</i> | 804666 | <i>Scorpaenodes</i> | 806435 |
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| Oxygen | | | <i>Sebastes mentella</i> | 804333 |
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| | Elasmobranchii | 808288 | <i>Clupea harengus</i> | 805319 |
| | Teleostei | 808288 | <i>Dorosoma petenense</i> | 806168 |
| | | | <i>Etrumeus teres</i> | 807058 |
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| <i>Microgobius furnieri</i> | 807032 | | 806129 | |
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| <i>Euthynnus pelamis</i> | 807782 | | 807188 | |
| <i>Scomber scombrus</i> | 808427 | | 807226 | |
| <i>Thunnus albacares</i> | 807782 | | 807233 | |
| <i>Thunnus thynnus</i> | 807782 | | 807234 | |
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| <i>Merluccius productus</i> | 808312 | <i>Ammodytes tobianus</i> | 807198 | |
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| Scorpaenidae | | <i>Tripterygion etheostoma</i> | 807091 | |
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| | <i>Pinelometopon pulchrum</i> | 807226 | | 808281 |
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| | <i>Leptoscarus vaigiensis</i> | 807091 | <i>Benthodesmus tenuis</i> | 808141 |
| | Mastacembelidae | | <i>Lepidopus caudatus</i> | 808130 |
| | <i>Mastacembelus armatus</i> | 805605 | | 808141 |
| | Mugiloidae | 807091 | <i>Trichiurus lepturus</i> | 808141 |
| | <i>Mugil cephalus</i> | 807322 | Xiphiidae | |
| | <i>Mugil saliens</i> | 807322 | <i>Xiphias gladius</i> | 807919 |
| | Nototheniidae | 808011 | | 808351 |
| | | 808762 | Sphyraenoidae | |
| | Branchiostegidae | | <i>Sphyraena argentea</i> | 807232 |
| | <i>Lopholatilus chamaeleonticeps</i> | 806495 | <i>Sphyraena picuda</i> | 807091 |
| | Caramidae | | Stromateoidei | |
| | <i>Seriola dorsalis</i> | 807232 | <i>Amarsipus carlsbergi</i> | 806816 |
| | <i>Trachinotus carolinus</i> | 807837 | Boiidae | 806740 |
| | <i>Trachinotus falcatus</i> | 807837 | <i>Bothus pantherinus</i> | 807091 |
| | <i>Trachurus trachurus</i> | 806479 | <i>Paralichthys albigutta</i> | 806653 |
| | Centrarchidae | | <i>Paralichthys dentatus</i> | 806653 |
| | <i>Lepomis gibbosus</i> | 805990 | <i>Paralichthys lethostigma</i> | 806653 |
| | <i>Lepomis macrochirus</i> | 805140 | Pleuronectidae | 807153 |
| | <i>Micropterus salmoides</i> | 807807 | <i>Reinhardtius hippoglossoides</i> | 805083 |
| | Centropomidae | | | 807106 |
| | <i>Ambassis gymnocephalus</i> | 807091 | | 807767 |
| | <i>Ambassis nama</i> | 805605 | Soleidae | |
| | Chaetodontidae | 807091 | <i>Trinectes maculatus</i> | 806872 |
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| | <i>Tilapia mossambica</i> | 806049 | | 808650 |
| | Embiotocidae | | <i>Cottus gobio</i> | 806033 |
| | <i>Brachyistius frenatus</i> | 807226 | <i>Myoxocephalus quadricornis</i> | 808650 |
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| | <i>Platax orbiculans</i> | 807091 | <i>Scorpaenodes guamensis</i> | 807091 |
| | Gerreidae | | Synancejidae | |
| | <i>Gerres oblongus</i> | 807091 | <i>Synanceja verrucosa</i> | 807091 |
| | Grammistidae | | Triglidae | 806740 |
| | <i>Grammistes sexlineatus</i> | 807091 | Balistidae | |
| | Kyphosidae | 807091 | <i>Balistapus aculeatus</i> | 807091 |
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| | <i>Upeneus sulphureus</i> | 807091 | <i>Diodon holocanthus</i> | 807091 |
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| | <i>Perca fluviatilis</i> | 804420 | <i>Fundulus diaphanus</i> | 805985 |
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| | <i>Percarina demidoffi</i> | 807712 | Belontiidae | |
| | <i>Percina notogramma</i> | 807600 | <i>Xenentodon cancila</i> | 805605 |
| | <i>Percina pelata</i> | 807600 | Clupeidae | |
| | <i>Stizostedion canadense</i> | 804525 | <i>Alosa aestivalis</i> | 805985 |
| | <i>Stizostedion lucioperca</i> | 807730 | <i>Alosa kessleri</i> | 807712 |
| | Plesiopidae | | <i>Alosa pseudoharengus</i> | 805985 |
| | <i>Plesiops melas</i> | 807091 | | 808410 |
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| | Pomadasyidae | | <i>Clupea harengus</i> | 805319 |
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| | Pomatomidae | | | 807733 |
| | <i>Pomatomus saltatrix</i> | 808351 | | 808064 |
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| | <i>Dampiera spiloptera</i> | 807091 | | 808083 |
| | Sciaenidae | 806740 | | 808104 |
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| | | 808648 | <i>Clupeonella delicatula</i> | 807712 |
| | <i>Pseudotolithus typus</i> | 805648 | <i>Opisthonema oglinum</i> | 807033 |
| | Serranidae | 807091 | <i>Sardina pilchardus</i> | 807078 |
| | <i>Dicentrarchus labrax</i> | 807198 | | 808198 |
| | <i>Morone americana</i> | 805985 | | 808303 |
| | | 807812 | <i>Sardinella aurita</i> | 808012 |
| | <i>Morone mississippiensis</i> | 808901 | <i>Sardinella eba</i> | 808012 |
| | <i>Paralabrax clathratus</i> | 807226 | <i>Sardinella longiceps</i> | 808573 |
| | | 807232 | <i>Sprattus sprattus</i> | 807198 |
| | Sparidae | 806740 | | 808307 |
| | <i>Lagodon rhomboides</i> | 806244 | | 808430 |
| | Theraponidae | | Engraulidae | |
| | <i>Therapon jarbua</i> | 807091 | <i>Engraulis ringens</i> | 808164 |
| | Polynemoidae | 804280 | | 808381 |
| | Scombidae | 806782 | | 808384 |
| | | 807189 | | 808387 |
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| | <i>Auxis thazard</i> | 807757 | | 807198 |
| | <i>Euthynnus pelamis</i> | 808364 | <i>Anguilla rostrata</i> | 805985 |
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| | <i>Thunnus</i> | 804513 | Moringuidae | |
| | | 806011 | <i>Moringua abbreviata</i> | 807091 |
| | | 806738 | Muraenidae | 807091 |
| | | 808147 | <i>Gymnothorax nigromarginatus</i> | 808400 |
| | | 808963 | Megalopidae | |
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| | | 808365 | | 808813 |

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| | 805658 | <i>Oncorhynchus nerka</i> | 807275 | |
| | 807749 | | 807800 | |
| <i>Barbus barbus</i> | 807219 | <i>Oncorhynchus ishawytscha</i> | 806170 | |
| <i>Catla catla</i> | 805197 | | 808656 | |
| | 808615 | <i>Salmo clarki</i> | 806037 | |
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| <i>Ctenopharyngodon idella</i> | 808440 | <i>Salmo salar</i> | 806879 | |
| <i>Cyprinus carpio</i> | 806814 | <i>Salmo trutta</i> | 804667 | |
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| <i>Gila elegans</i> | 807794 | | 806414 | |
| <i>Gila robusta</i> | 807794 | | 806832 | |
| <i>Labeo gonius</i> | 806180 | | 807219 | |
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| Callichthyidae | 806089 | <i>Morone saxatilis</i> | 805905 | |
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| <i>Theragra chalcogramma</i> | 807153 | Spandae | | |
| <i>Trisopterus luscus</i> | 807198 | <i>Pagrus major</i> | 805620 | |
| <i>Urophycis tenuis</i> | 807903 | Adaptation | | |
| Merlucciidae | | Lipid and fatty acid content | | |
| <i>Merluccius bilinearis</i> | 807903 | Pleuronectidae | | |
| <i>Merluccius gayi</i> | 808165 | <i>Liopsetta glacialis</i> | 804594 | |
| Zoaridae | | <i>Platichthys flesus</i> | 804594 | |
| <i>Macrozoarces americanus</i> | 807207 | Gadidae | | |
| Gobiiesociformes | | <i>Eleginus navaga</i> | 804594 | |
| <i>Aspasma ciconiae</i> | 807091 | <i>Gadus morhua</i> | 804594 | |
| <i>Aspasma misakia</i> | 807091 | Biochemical blood constituents | | |
| Lophiidae | | Channichthyidae | 804247 | |
| <i>Lophius piscatorius</i> | 806515 | Nototheniidae | 804247 | |
| Ogcocephalidae | | Acclimation | | |
| <i>Dibranchius atlanticus</i> | 807130 | Experimental analysis | | |
| Percopsidae | | Scorpaenidae | | |
| <i>Percopsis omiscomaycus</i> | 808410 | <i>Scorpaena porcus</i> | 805727 | |
| | 808650 | <i>Scorpaena serofa</i> | 805727 | |
| Argentinidae | | Poeciliidae | | |
| <i>Argentina silus</i> | 807903 | <i>Xiphophorus helleri</i> | 806878 | |
| Esocidae | | Anguillidae | | |
| <i>Esox lucius</i> | 805970 | <i>Anguilla anguilla</i> | 806878 | |
| | 807198 | Cyprinidae | | |
| Harpadontidae | | <i>Leuciscus idus</i> | 806878 | |
| <i>Harpadon nehereus</i> | 806064 | Salmonidae | | |
| Osmeridae | | <i>Salvelinus fontinalis</i> | 808765 | |
| <i>Osmerus eperlanus</i> | 807198 | Description and occurrence | | |
| <i>Osmerus mordax</i> | 807862 | Stichaeidae | | |
| | 808410 | <i>Xiphister atropurpureus</i> | 808294 | |
| | 808650 | | | |

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| Environmental factors (continued) | Gobiidae | | Activity patterns | |
| | <i>Guramnia chiquita</i> | 808294 | Salmonidae | |
| | <i>Gobionellus sagittula</i> | 808294 | <i>Salmo salar</i> | 807343 |
| | <i>Quietula ycauda</i> | 808294 | Seasonal changes | |
| Temperature | Mugiloidae | | Cottidae | |
| | <i>Mugil cephalus</i> | 808294 | <i>Myoxocephalus scorpius</i> | 805399 |
| | Embiotocidae | | <i>Taurulus bubalis</i> | 805399 |
| | <i>Cymatogaster aggregata</i> | 808294 | Insecticide pollutants | |
| | Pomacentridae | | Salmonidae | |
| | <i>Abudefduf troschelii</i> | 808294 | <i>Salvelinus fontinalis</i> | 808765 |
| | Sciaenidae | | Effect on fish | 806641 |
| | <i>Leiostomus xanthurus</i> | 808294 | | 806874 |
| | Sparidae | | | 806875 |
| | <i>Lagodon rhomboides</i> | 808294 | Cichlidae | |
| | Soleidae | | <i>Tilapia macrochir</i> | 806117 |
| | <i>Achirus mazatlanus</i> | 808294 | <i>Tilapia melanopleura</i> | 806117 |
| | Cottidae | | <i>Tilapia mossambica</i> | 806117 |
| | <i>Leptocottus armatus</i> | 808294 | <i>Tilapia zillii</i> | 806117 |
| | <i>Oligocottus maculosus</i> | 808294 | Pleuronectiformes | 804972 |
| | Balistidae | | Description and occurrence | |
| | <i>Monacanthus hispidus</i> | 808294 | Dipnoi | |
| | Tetraodontidae | | <i>Lepidosiren paradoxa</i> | 803973 |
| | <i>Sphoeroides annulatus</i> | 808294 | Cichlidae | |
| | Atherinidae | | <i>Tilapia aurea</i> X | |
| | <i>Menidia menidia</i> | 808294 | <i>Tilapia nilotica</i> X | 805973 |
| | Cyprinodontidae | | <i>Tilapia nilotica</i> X | |
| | <i>Fundulus heteroclitus</i> | 808294 | <i>Tilapia aurea</i> X | 805973 |
| | Gobiocichliformes | | Scombridae | |
| | <i>Tomocodon humeralis</i> | 808294 | <i>Thunnus albacares</i> | 805498 |
| | Salmonidae | | <i>Thunnus obesus</i> | 805498 |
| | <i>Salmo clarki</i> | 808294 | Cyprinodontidae | |
| Oxygen consumption | | | <i>Epiplatys bifasciatus</i> | 808275 |
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| <i>Pleuronectes platessa</i> | 804473 | | <i>Gambusia affinis</i> | 807179 |
| Salmonidae | | | Clupeidae | |
| <i>Salmo salar</i> | 807343 | | <i>Clupea harengus</i> | 807150 |
| Protein content | | | Salmonidae | |
| Cyprinidae | | | <i>Oncorhynchus nerka</i> | 807260 |
| <i>Carassius auratus</i> | 808335 | | <i>Salvelinus fontinalis</i> | 806030 |
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| Cyprinidae | | | Teleostei | 807042 |
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| Enzymology | | | <i>Clupea harengus</i> | 804985 |
| Teleostei | 806079 | | Meristics | |
| Cyprinodontidae | | | Teleostei | 809081 |
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| Anguillidae | | | <i>Clupea harengus</i> | 804592 |
| <i>Anguilla anguilla</i> | 804197 | | | 807741 |
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| <i>Carassius auratus</i> | 804227 | | Salmonidae | |
| LDH isoenzymes | | | <i>Coregonus lavaretus</i> | 805523 |
| Salmonidae | | | <i>Oncorhynchus kisutch</i> | 807086 |
| <i>Salmo gairdneri</i> | 804462 | | <i>Salmo gairdneri</i> | 805523 |
| Oxidative metabolism | | | <i>Salmo trutta</i> | 805523 |
| Salmonidae | | | Metabolic rate | |
| <i>Salmo gairdneri</i> | 803961 | | Cyprinidae | |
| <i>Salmo salar</i> | 804881 | | <i>Cyprinus carpio</i> | 806119 |
| <i>Salvelinus fontinalis</i> | 804881 | | Oxygen consumption | |
| Biomembranes | | | Teleostei | 805821 |
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| <i>Carassius auratus</i> | 806055 | | <i>Lepomis macrochirus</i> | 803970 |
| Ion and water relationships | | | Cichlidae | |
| Cottidae | | | <i>Tilapia mossambica</i> | 803877 |
| <i>Myoxocephalus scorpius</i> | 805399 | | | 804397 |
| <i>Taurulus bubalis</i> | 805399 | | Anguillidae | |
| Axial skeletal muscles | | | <i>Anguilla anguilla</i> | 804632 |
| Cyprinidae | | | Cyprinidae | |
| <i>Carassius auratus</i> | 808335 | | <i>Carassius auratus</i> | 803996 |
| Brain | | | <i>Cyprinus carpio</i> | 806119 |
| Cyprinodontidae | | | Umbidae | |
| <i>Fundulus heteroclitus</i> | 804227 | | <i>Umbra limi</i> | 808026 |
| Cyprinidae | | | Salmonidae | |
| <i>Carassius auratus</i> | 804038 | | <i>Oncorhynchus tshawytscha</i> | 808521 |
| | 804227 | | <i>Salmo gairdneri</i> | 806271 |
| Salmonidae | | | Body content | |
| <i>Salmo salar</i> | 804881 | | Salmonidae | |
| <i>Salvelinus fontinalis</i> | 804881 | | <i>Oncorhynchus nerka</i> | 807498 |
| Neuroendocrine system | | | Mineral content | |
| Anguillidae | | | Salmonidae | |
| <i>Anguilla anguilla</i> | 804537 | | <i>Salmo gairdneri</i> | 808853 |
| Oxygen transport | | | Radioactive content | |
| Ictaluridae | | | Cyprinidae | |
| <i>Ictalurus nebulosus</i> | 804034 | | <i>Carassius auratus</i> | 806995 |
| Erythrocytes | | | Enzymology | |
| Ictaluridae | | | Dipnoi | |
| <i>Ictalurus nebulosus</i> | 804034 | | <i>Protopterus annectens</i> | 808952 |
| Gas transport by blood | | | Pleuronectidae | |
| Ictaluridae | | | <i>Hippoglossus hippoglossus</i> | 807507 |
| <i>Ictalurus nebulosus</i> | 804369 | | <i>Pleuronectes platessa</i> | 804900 |
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| Cyprinidae | | | <i>Oncorhynchus gorbuscha</i> | 808767 |
| <i>Carassius auratus</i> | 806055 | | | |

| ATP ase content and function | | Cyprinidae | | Environmental factors |
|-----------------------------------|--------|------------------------------------|--------|-----------------------|
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| <i>Carassius auratus</i> | 806456 | Spleen | | |
| LDH isoenzymes | | Cyprinidae | | |
| Salmonidae | | <i>Cyprinus carpio</i> | 808227 | |
| <i>Salvelinus fontinalis</i> | 806979 | Biochemical blood constituents | | Temperature |
| <i>Salvelinus namaycush</i> | 806979 | Teleostei | 809063 | |
| Intermediary metabolism | | Cyprinodontidae | | |
| Pleuronectidae | | <i>Fundulus heteroclitus</i> | 805400 | |
| <i>Hippoglossus hippoglossus</i> | 807507 | | 805707 | |
| Oxidative metabolism | | Ictaluridae | | |
| Dipnoi | | <i>Ictalurus catus</i> | 808709 | |
| <i>Lepidosiren paradoxa</i> | 803973 | <i>Ictalurus nebulosus</i> | 808709 | |
| Nitrogen metabolism | | Serum esterase | | |
| Centrarchidae | | Catostomidae | | |
| <i>Lepomis macrochirus</i> | 807454 | <i>Catostomus clarki</i> | 808761 | |
| Lipid metabolism | | Immunological reactions | | |
| Cyprinidae | | Anguillidae | | |
| <i>Carassius auratus</i> | 806995 | <i>Anguilla japonica</i> | 805491 | |
| Salmonidae | | Cyprinidae | | |
| <i>Salmo trutta</i> | 808856 | <i>Cyprinus carpio</i> | 806113 | |
| Ion and water relationships | | Immunological analysis | | |
| Cottidae | | Ictaluridae | | |
| <i>Myoxocephalus scorpius</i> | 804965 | <i>Ictalurus catus</i> | 808709 | |
| <i>Taurulus bubalis</i> | 804965 | <i>Ictalurus nebulosus</i> | 808709 | |
| Salmonidae | | Gas transport by blood | | |
| <i>Salmo salar</i> | 805143 | Carcharinidae | | |
| Permeability | | <i>Carcharinus longimanus</i> | 806664 | |
| Pleuronectidae | | Coryphaenidae | | |
| <i>Platichthys flesus</i> | 804191 | <i>Coryphaena hippurus</i> | 806664 | |
| Cyprinidae | | Scombridae | | |
| <i>Carassius auratus</i> | 804191 | <i>Thunnus albacares</i> | 806664 | |
| <i>Phoxinus phoxinus</i> | 804191 | Xiphiidae | | |
| Coloration | | <i>Xiphias gladius</i> | 806664 | |
| Salmonidae | | Gastric digestion | | |
| <i>Salmo trutta</i> | 807843 | Ictaluridae | | |
| Color change | | <i>Ictalurus punctatus</i> | 808533 | |
| Bothidae | | Intestine | | |
| <i>Rhomboidichthys podus</i> | 805044 | Cyprinidae | | |
| Soleidae | | <i>Carassius auratus</i> | 806456 | |
| <i>Solea solea</i> | 805044 | Salmonidae | | |
| Cottidae | | <i>Oncorhynchus kisutch</i> | 807086 | |
| <i>Cottus gobio</i> | 805044 | Intestinal digestion | | |
| Scales | | Cyprinidae | | |
| Cyprinidae | | <i>Carassius auratus</i> | 803825 | |
| <i>Carassius auratus</i> | 804800 | <i>Hypophthalmichthys molitrix</i> | 807653 | |
| Salmonidae | | Ictaluridae | | |
| <i>Oncorhynchus nerka</i> | 808655 | <i>Ictalurus punctatus</i> | 808533 | |
| Vertebrae | | Liver | | |
| Clupeidae | | Salmonidae | | |
| <i>Clupea harengus</i> | 807741 | <i>Oncorhynchus gorbuscha</i> | 808767 | |
| Axial skeletal muscles | | Kidney | | |
| Pleuronectidae | | Cyprinidae | | |
| <i>Pleuronectes platessa</i> | 804900 | <i>Cyprinus carpio</i> | 808227 | |
| Heart musculature | | Ovary | | |
| Pleuronectidae | | Salmonidae | | |
| <i>Pleuronectes platessa</i> | 804900 | <i>Salmo gairdneri</i> | 807368 | |
| Electric organs | | Ovarian cycles | | |
| Gymnotidae | | Gasterosteidae | | |
| <i>Eigenmannia</i> | 805241 | <i>Gasterosteus aculeatus</i> | 809062 | |
| Nervous electrophysiology | | Cichlidae | | |
| Cyprinidae | | <i>Tilapia leucosticta</i> | 805587 | |
| <i>Carassius carassius</i> | 809054 | Fecundity | | |
| Brain | | Oryziatidae | | |
| Dipnoi | | <i>Oryzias latipes</i> | 804260 | |
| <i>Protopterus annectens</i> | 808952 | Testicular cycles | | |
| Telencephalon | | Gasterosteidae | | |
| Cottidae | | <i>Gasterosteus aculeatus</i> | 808337 | |
| <i>Myoxocephalus scorpioides</i> | 808768 | | 809062 | |
| <i>Myoxocephalus scorpius</i> | 808768 | Cichlidae | | |
| Olfactory nerve | | <i>Tilapia leucosticta</i> | 805587 | |
| Cyprinidae | | Cyprinodontidae | | |
| <i>Carassius carassius</i> | 809054 | <i>Fundulus heteroclitus</i> | 806896 | |
| Thyrotroph | | Seasonal sexual coloration | | |
| Salmonidae | | Gasterosteidae | | |
| <i>Salmo gairdneri</i> | 804541 | <i>Gasterosteus aculeatus</i> | 808337 | |
| Thyroid | | General embryology | | |
| Elasmobranchii | 809073 | Teleostei | 809081 | |
| Teleostei | 809073 | Gobiidae | | |
| Adrenal cortex | | <i>Gobius niger</i> | 805128 | |
| Salmonidae | | Cichlidae | | |
| <i>Oncorhynchus kisutch</i> | 804368 | <i>Tilapia melanotheron</i> | 808411 | |
| <i>Salmo gairdneri</i> | 804368 | Cottidae | | |
| Regulatory respiratory mechanisms | | <i>Myoxocephalus quadricornis</i> | 806258 | |
| Anguillidae | | Clupeidae | | |
| <i>Anguilla anguilla</i> | 804632 | <i>Sardina pilchardus</i> | 804529 | |
| Heart | | Cyprinidae | | |
| Centrarchidae | | <i>Cyprinus carpio</i> | 808450 | |
| <i>Lepomis macrochirus</i> | 803970 | Esocidae | | |
| Oryziatidae | | <i>Esox lucius</i> | 806310 | |
| <i>Oryzias latipes</i> | 805374 | Osmeridae | | |
| Poeciliidae | | <i>Osmerus eperlanus</i> | 806310 | |
| <i>Poecilia reticulata</i> | 805374 | | | |

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| Environmental factors (continued) | Salmonidae | | Cyprinidae | |
| | <i>Coregonus lavaretus</i> | 805523 | <i>Ctenopharyngodon idella</i> | 807005 |
| | <i>Coregonus peled</i> | 804442 | Salmonidae | |
| Temperature | <i>Oncorhynchus nerka</i> | 806423 | <i>Oncorhynchus kisutch</i> | 806637 |
| | | 807260 | | 807084 |
| | <i>Salmo gairdneri</i> | 808925 | <i>Oncorhynchus nerka</i> | 807498 |
| | <i>Salmo salar</i> | 805523 | <i>Salvelinus fontinalis</i> | 806972 |
| | | 804442 | | 807801 |
| | <i>Salmo trutta</i> | 806423 | Starvation | |
| | | 805523 | Salmonidae | |
| | Egg | | <i>Salvelinus fontinalis</i> | 806030 |
| | Teleostei | 807332 | Speciation | |
| | Cyprinidae | | Teleostei | 804330 |
| Sperm | <i>Barbus kersteni</i> | 804708 | Distribution within habitat | |
| | Salmonidae | | Clupeidae | |
| | <i>Salmo salar</i> | 807551 | <i>Sardina pilchardus</i> | 804980 |
| | Developing egg | | Vertical distribution | |
| | <i>Acipenseromorpha</i> | | Scombridae | |
| | <i>Acipenser gueldenstaedti</i> | 808425 | <i>Thunnus</i> | 804967 |
| | Pleuronectidae | | Radioactivity | |
| | <i>Eopsetta jordani</i> | 808867 | Poeciliidae | |
| | <i>Hippoglossoides elassodon</i> | 808867 | <i>Gambusia affinis</i> | 805386 |
| | Cleavage and epiboly | | Cestoda | |
| Embryo | <i>Acipenseromorpha</i> | | Centrarchidae | |
| | <i>Acipenser gueldenstaedti</i> | 806675 | <i>Micropterus dolomieu</i> | 804495 |
| | Gobiidae | | Lethal environmental limits | |
| | Clupeidae | 805128 | Teleostei | 807332 |
| | <i>Clupea harengus</i> | 804592 | | 809081 |
| | Embryogenesis | | Mugiloidae | |
| | Clupeidae | | <i>Liza macrolepis</i> | 806438 |
| | <i>Clupea harengus</i> | 804592 | Cichlidae | |
| | Embryo behavior | | <i>Tilapia mossambica</i> | 806438 |
| | Esocidae | | Poeciliidae | |
| Hatching | <i>Esox lucius</i> | 807651 | <i>Gambusia affinis</i> | 805386 |
| | Teleostei | 809081 | Esocidae | |
| | Cichlidae | | <i>Esox lucius</i> | 806310 |
| | <i>Tilapia melanotheron</i> | 808411 | Osmeridae | |
| | Esocidae | | <i>Osmerus eperlanus</i> | 806310 |
| | <i>Esox lucius</i> | 807651 | Salmonidae | |
| | Hatching glands | | <i>Coregonus peled</i> | 804442 |
| | Percidae | | <i>Oncorhynchus tshawytscha</i> | 806873 |
| | <i>Stizostedion lucioperca</i> | 804769 | <i>Salmo salar</i> | 804442 |
| | Larva | | Behavior | |
| Larva | Teleostei | 807332 | Cyprinodontidae | |
| | Clupeidae | | <i>Cyprinodon macularius</i> | 803837 |
| | <i>Sardina pilchardus</i> | 804529 | Activity patterns | |
| | Engraulidae | | Cottidae | |
| | <i>Engraulis encrasicolus</i> | 807670 | <i>Cottus gobio</i> | 803932 |
| | Salmonidae | | <i>Cottus poecilopus</i> | 803932 |
| | <i>Oncorhynchus</i> | 806020 | Salmonidae | |
| | <i>Oncorhynchus nerka</i> | 807260 | <i>Oncorhynchus</i> | 806020 |
| | Fry | | Seasonal changes | |
| | Salmonidae | | Cyprinodontidae | |
| Young | <i>Salvelinus fontinalis</i> | 806030 | <i>Fundulus heteroclitus</i> | 805400 |
| | Mugiloidae | | Seasonal abundance | |
| | <i>Crenimugil labrosus</i> | 804533 | Scombridae | |
| | Cyprinidae | | <i>Thunnus albacares</i> | 805498 |
| | <i>Hypophthalmichthys molitrix</i> | 807653 | <i>Thunnus obesus</i> | 805498 |
| | Salmonidae | | Orientation with light source | |
| | <i>Salvelinus fontinalis</i> | 807438 | Clupeidae | |
| | Juvenile | | <i>Clupea harengus</i> | 808662 |
| | Salmonidae | | Swimming speed | |
| | <i>Salmo salar</i> | 805143 | Percidae | |
| Life span | Cyprinodontidae | | <i>Perca flavescens</i> | 805821 |
| | <i>Cynolebias bellotti</i> | 804135 | Feeding | |
| | Change with age | | Mugiloidae | |
| | Salmonidae | | <i>Crenimugil labrosus</i> | 804533 |
| | <i>Coregonus peled</i> | 804442 | Cottidae | |
| | <i>Salmo salar</i> | 806423 | <i>Oligocottus maculosus</i> | 806855 |
| | | 804442 | Engraulidae | |
| | | 806423 | <i>Engraulis encrasicolus</i> | 807670 |
| | Rate of growth | | Breathing | |
| | Cichlidae | | Centrarchidae | |
| Sparidae | <i>Tilapia aurea</i> X | 805973 | <i>Lepomis macrochirus</i> | 803970 |
| | <i>Tilapia nilotica</i> X | | Cyprinidae | |
| | <i>Pagrus major</i> | 805622 | <i>Carassius auratus</i> | 803996 |
| | Cyprinidae | | Self protection | |
| | <i>Ctenopharyngodon idella</i> | 807005 | Salmonidae | |
| | <i>Cyprinus carpio</i> | 808244 | <i>Oncorhynchus tshawytscha</i> | 806873 |
| | Salmonidae | | <i>Salmo gairdneri</i> | 806873 |
| | <i>Oncorhynchus nerka</i> | 807498 | Habitat preference | |
| | <i>Salvelinus fontinalis</i> | 807505 | Acanthuridae | |
| | Maintenance energy requirements | | <i>Acanthurus triostegus</i> | 804921 |
| Salmonidae | <i>Salvelinus fontinalis</i> | 807801 | Cottidae | |
| | Salmonidae | | <i>Myoxocephalus scorpioides</i> | 808768 |
| | <i>Salvelinus fontinalis</i> | 807801 | <i>Myoxocephalus scorpius</i> | 808768 |
| | Background selection | | Poeciliidae | |
| | Poeciliidae | | <i>Gambusia affinis</i> | 807179 |
| | Migrations | | Clupeidae | |
| | Clupeidae | | <i>Clupea harengus</i> | 807150 |
| | Energy conversion efficiency | | | |
| | Centrarchidae | | | |
| | <i>Micropterus salmoides</i> | 806637 | | |

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| Salmonidae | | Ontogenetic color change | | Environmental factors |
| <i>Oncorhynchus tshawytscha</i> | 806025 | Salmonidae | | (continued) |
| <i>Salmo gairdneri</i> | 806025 | <i>Salmo salar</i> | 806853 | |
| Reproduction | | Axial skeletal muscles | | |
| Cichlidae | | Scombridae | | |
| <i>Tilapia mossambica</i> | 806116 | <i>Euthynnus pelamis</i> | 803720 | Temperature |
| Mating | | <i>Thunnus thynnus</i> | 803720 | |
| Oryziatidae | | Function | | |
| <i>Oryzias latipes</i> | 804260 | Isuridae | | |
| Naive responses to stimuli | | <i>Isurus oxyrinchus</i> | 803721 | |
| Clupeidae | | <i>Lamna nasus</i> | 803721 | |
| <i>Clupea harengus</i> | 804985 | Red muscles | | |
| Stress reactions | | Scombridae | | |
| Salmonidae | | <i>Euthynnus pelamis</i> | 803720 | |
| <i>Oncorhynchus kisutch</i> | 804368 | <i>Thunnus thynnus</i> | 803720 | |
| <i>Salmo gairdneri</i> | 804368 | Function | | |
| Host parasite interactions | | Isuridae | | |
| Carangidae | | <i>Isurus oxyrinchus</i> | 803721 | |
| <i>Seriola quinqueradiata</i> | 806581 | <i>Lamna nasus</i> | 803721 | |
| Centrarchidae | | Electric organs | | |
| <i>Micropterus dolomieu</i> | 804495 | Experimental analysis | | |
| Cyprinidae | | Torpedinidae | | |
| <i>Carassius auratus</i> | 803847 | <i>Torpedo marmorata</i> | 803728 | |
| Natural mortality | | <i>Torpedo torpedo</i> | 803728 | |
| Salmonidae | | Brain | | |
| <i>Salvelinus fontinalis</i> | 807438 | Acclimation | | |
| Spawning channels | | Cyprinidae | | |
| Salmonidae | | <i>Carassius auratus</i> | 803727 | |
| Artificial rearing environments | 808488 | Taste buds | | |
| Cyprinidae | | Developmental analysis | | |
| <i>Cyprinus carpio</i> | 808450 | Poeciliidae | | |
| Fish, control agents | | <i>Poecilia reticulata</i> | 804258 | |
| Teleostei | | Oxygen transport | | |
| Centrarchidae | 808604 | Acclimation | | |
| Bibliography | 808605 | Ictaluridae | | |
| Captive vs natural fishes | 808606 | <i>Ictalurus nebulosus</i> | 803629 | |
| Salmonidae | 806676 | Blood and lymph | | |
| <i>Oncorhynchus nerka</i> | 808925 | Effect on fish | | |
| Anesthetics | | Salmonidae | | |
| Centrarchidae | | <i>Salvelinus fontinalis</i> | 803751 | |
| <i>Lepomis macrochirus</i> | 808600 | Immunological reactions | | |
| <i>Micropterus salmoides</i> | 808608 | Effect on fish | | |
| Ictaluridae | 808600 | Lužjanidae | | |
| <i>Ictalurus punctatus</i> | 808600 | Salmonidae | | |
| Salmonidae | | <i>Salmo gairdneri</i> | 803630 | |
| <i>Salmo gairdneri</i> | 808600 | Immunological analysis | | |
| Use as test animal | 808602 | Effect on fish | | |
| Salmonidae | 808607 | Semionotomorpha | | |
| <i>Oncorhynchus masou</i> | 807114 | <i>Lepisosteus platyrhincus</i> | 803692 | |
| <i>Salmo gairdneri</i> | 807114 | Gastric digestion | | |
| Tissue culture techniques | | Effect on fish | | |
| Salmonidae | | Scorpaenidae | | |
| <i>Salmo gairdneri</i> | 807368 | <i>Sebastes inermis</i> | 804316 | |
| Oxygen consumption | | Liver | | |
| Acclimation | | Biochemistry | | |
| Batrachoidiformes | | Salmonidae | | |
| <i>Opsanus tau</i> | 803742 | <i>Salmo gairdneri</i> | 803965 | |
| Protein synthesis | | Acclimation | | |
| Experimental analysis | | Salmonidae | | |
| Batrachoidiformes | | <i>Salmo gairdneri</i> | 803965 | |
| <i>Opsanus tau</i> | 803584 | General embryology | | |
| Effect on fish | | Cichlidae | | |
| Batrachoidiformes | | <i>Tilapia nilotica</i> | 805682 | |
| <i>Opsanus tau</i> | 803755 | Effect on fish | 803710 | |
| Enzymology | | Hatching | | |
| Adaptation | | Effect on fish | 803710 | |
| Zoarcidae | | Fry | | |
| <i>Lycodes diapterus</i> | 807041 | Experimental analysis | | |
| Acclimation | | Salmonidae | | |
| Cyprinidae | | <i>Oncorhynchus gorbuscha</i> | 808924 | |
| <i>Carassius auratus</i> | 803727 | Geographic variation | | |
| Zoarcidae | | Experimental analysis | | |
| <i>Lycodes diapterus</i> | 807041 | Salmonidae | | |
| Salmonidae | | <i>Salmo gairdneri</i> | 807366 | |
| <i>Salmo gairdneri</i> | 803527 | Lethal environmental limits | | |
| Oxidative metabolism | | Salmonidae | | |
| Acclimation | | <i>Salmo gairdneri</i> | 807366 | |
| Cyprinidae | | Eutrophic lakes | | |
| <i>Carassius auratus</i> | 806524 | Description and occurrence | | |
| Lipid metabolism | | Reservoirs | | |
| Salmonidae | | Description and occurrence | | |
| <i>Salmo trutta</i> | 808864 | Teleostei | 806160 | |
| Ion and water relationships | | Standing crop | 806164 | |
| Effect on fish | | Temperature | | |
| Salmonidae | | Migrations | | |
| <i>Salmo gairdneri</i> | 803589 | Clupeidae | | |
| Pigment cells | | <i>Clupea harengus</i> | 806319 | |
| Experimental analysis | | Radioactivity | | |
| Cyprinodontidae | | Lethal environmental limits | | |
| <i>Fundulus heteroclitus</i> | 803595 | Oryziatidae | | |
| | | <i>Oryzias latipes</i> | 808878 | |

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|--------------------------------------|----------------------------------|--------|---------------------------------------|--------|
| Environmental factors (continued) | Ammonia | | Scombridae | |
| | Experimental analysis | | <i>Euthynnus pelamis</i> | 806745 |
| Temperature | Cyprinidae | | <i>Thunnus albacares</i> | 806745 |
| | <i>Carassius auratus</i> | 803722 | <i>Thunnus obesus</i> | 806745 |
| Light | Ichthyofauna | | Clupeidae | |
| | <i>Ichthyofauna punctatus</i> | 803722 | <i>Dorosoma cepedianum</i> | 806165 |
| | Salmonidae | | Catostomidae | |
| | <i>Salmo gairdneri</i> | 803722 | <i>Carpiodes carpio</i> | 806165 |
| | Lethal environmental limits | | <i>Ichthyofauna bubalus</i> | 806165 |
| | Elasmobranchii | 807332 | Ichthyofauna | |
| | Gobiidae | | <i>Ichthyofauna melas</i> | 806165 |
| | <i>Periophthalmus sobrinus</i> | 803707 | <i>Ichthyofauna punctatus</i> | 806165 |
| | Percidae | | <i>Pygidictis olivaris</i> | 806165 |
| | <i>Perca fluviatilis</i> | 806640 | Light | |
| | Cyprinidae | 806640 | Clariidae | |
| | Salmonidae | | <i>Clarias batrachus</i> | 804107 |
| | <i>Salmo salar</i> | 806640 | Description and occurrence | |
| | <i>Salmo trutta</i> | 806640 | Teleostei | |
| | Experimental analysis | | Salmonidae | |
| | Teleostei | 806876 | <i>Oncorhynchus nerka</i> | 807800 |
| | Heat pollution | | <i>Salmo trutta</i> | 806832 |
| | Teleostei | 806656 | <i>Salvelinus alpinus</i> | 806832 |
| | Centrarchidae | | Acclimation | |
| | <i>Micropterus dolomieu</i> | 806659 | Orientation with light source | |
| | Percidae | | Clupeidae | |
| | <i>Perca flavescens</i> | 806659 | <i>Clupea harengus</i> | 808662 |
| | Catostomidae | | Effect on fish | |
| | <i>Catostomus</i> | 806659 | Meristics | |
| | Cyprinidae | | Salmonidae | |
| | <i>Cyprinus carpio</i> | 806659 | <i>Salmo gairdneri</i> | 804489 |
| | <i>Psychocheilus oregonensis</i> | 806659 | Coloration | |
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| | <i>Oncorhynchus</i> | 806659 | <i>Pagrus major</i> | 805622 |
| | Seasonal changes | | | 805623 |
| | Scales | | Gonostomatidae | |
| | Salmonidae | | <i>Valenciennellus tripunctulatus</i> | 803506 |
| | <i>Oncorhynchus nerka</i> | 805655 | Pigment cells | |
| | Habitat preference | | Oryziatidae | |
| | Scombridae | | <i>Oryzias latipes</i> | 805072 |
| | <i>Euthynnus pelamis</i> | 805664 | Color change | |
| | <i>Thunnus albacares</i> | 805664 | Soleidae | |
| | Experimental analysis | | <i>Solea solea</i> | 805044 |
| | Salmonidae | | Cottidae | |
| | <i>Thymallus arcticus</i> | 807278 | <i>Cottus gobio</i> | 805044 |
| | Description and occurrence | | Ontogenetic color change | |
| | Scombridae | | Salmonidae | |
| | <i>Euthynnus pelamis</i> | 808282 | <i>Salmo salar</i> | 806853 |
| | <i>Thunnus albacares</i> | 808282 | Choroid and tapetum | |
| | Acclimation | | Carcharhinidae | |
| | Salmonidae | | Orectolobidae | |
| | <i>Thymallus arcticus</i> | 807278 | <i>Ginglymostoma cirratum</i> | 804238 |
| | Oxygen consumption | | Scyliorhinidae | |
| | Salmonidae | | <i>Aristurus brunneus</i> | 804238 |
| | <i>Thymallus arcticus</i> | 807278 | <i>Cephaloscyllium uter</i> | 804238 |
| | Migrations | | Heterodontiformes | |
| | Experimental analysis | | <i>Heterodontus francisci</i> | 804238 |
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| | <i>Oncorhynchus gorbusha</i> | 808924 | Labridae | |
| | Stress reactions | | <i>Crenilabrus melops</i> | 806430 |
| | Experimental analysis | | Ovarian cycles | |
| | Cyprinidae | | Gasterosteidae | |
| | <i>Carassius auratus</i> | 806318 | <i>Gasterosteus aculeatus</i> | 809062 |
| | Salmonidae | | Cichlidae | |
| | <i>Salmo gairdneri</i> | 806318 | <i>Tilapia leucosticta</i> | 805587 |
| | Artificial rearing environments | | Salmonidae | |
| | Rate of growth | | <i>Salvelinus fontinalis</i> | 808847 |
| | Cyprinidae | | Testicular cycles | |
| | <i>Cyprinus carpio</i> | 808244 | Gasterosteidae | |
| | Anesthetics | | <i>Gasterosteus aculeatus</i> | 808337 |
| | Lethal environmental limits | | | 809062 |
| | Centrarchidae | | Cichlidae | |
| | <i>Lepomis macrochirus</i> | 808601 | <i>Tilapia leucosticta</i> | 805587 |
| | Salmonidae | | Salmonidae | |
| | <i>Salmo gairdneri</i> | 808601 | <i>Salvelinus fontinalis</i> | 808847 |
| | Amino acids | | Seasonal sexual coloration | |
| | Effect on fish | | Gasterosteidae | |
| | Brain | | <i>Gasterosteus aculeatus</i> | 808337 |
| | <i>Aipenseromorpha</i> | | Embryo behavior | |
| | <i>Aipenser gueldenstaedti</i> | 805257 | Esocidae | |
| | Percidae | | <i>Esox lucius</i> | 807651 |
| | <i>Stizostedion lucioperca</i> | 805257 | Hatching | |
| | Distribution and occurrence | | Esocidae | |
| | Semionotomorpha | 806165 | <i>Esox lucius</i> | 807651 |
| | Teleostei | 807517 | Larva | |
| | Centrarchidae | | Teleostei | |
| | <i>Pomoxis annularis</i> | 806165 | Fry | |
| | Percidae | | Salmonidae | |
| | <i>Stizostedion vitreum</i> | 806165 | <i>Oncorhynchus</i> | |
| | Siluridae | | <i>Oncorhynchus</i> | 806020 |
| | <i>Apiostichus grunniens</i> | 806165 | Change with age | |
| | Serranidae | | Salmonidae | |
| | <i>Micropterus chrysops</i> | 806165 | <i>Salmo gairdneri</i> | 807545 |

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|--------------------------------|--------|----------------------------------|--------|-----------------------|
| Rate of growth | | <i>Xiphophorus maculatus</i> | 805750 | Environmental factors |
| Ictaluridae | | Tissue culture techniques | | (continued) |
| <i>Ictalurus punctatus</i> | 806822 | Pomadasyidae | | |
| Salmonidae | | <i>Haemulon sciurus</i> | 804684 | |
| <i>Salvelinus fontinalis</i> | 808847 | Aqueous humor | | |
| Energy conversion efficiency | | Eye | | Light |
| Ictaluridae | | Salmonidae | | |
| <i>Ictalurus punctatus</i> | 806822 | <i>Salmo gairdneri</i> | 804036 | |
| Distribution within habitat | | Pigment cells | | |
| Clupeidae | | Experimental analysis | | |
| <i>Sardina pilchardus</i> | 808196 | Cyprinodontidae | | |
| Salmonidae | | <i>Fundulus heteroclitus</i> | 803595 | |
| <i>Salmo trutta</i> | 807798 | Sclera and cornea | | |
| Vertical distribution | | Effect on fish | | |
| Serranidae | | Salmonidae | | |
| <i>Morone americana</i> | 804229 | <i>Salmo gairdneri</i> | 803715 | |
| Salmonidae | | <i>Salvelinus namaycush</i> | 803715 | |
| <i>Oncorhynchus nerka</i> | 808376 | Lens | | |
| Substratum | | Effect on fish | | |
| Salmonidae | | Salmonidae | | |
| <i>Salmo gairdneri</i> | 807380 | <i>Salmo gairdneri</i> | 803715 | |
| Circadian rhythms | | <i>Salvelinus namaycush</i> | 803715 | |
| Gadidae | | Retina | | |
| <i>Lota lota</i> | 805108 | Acclimation | | |
| Activity patterns | | Characidae | | |
| Blenniidae | | <i>Astyanax mexicanus</i> | 803823 | |
| <i>Blennius gattorugine</i> | 807956 | Activity patterns | | |
| <i>Blennius sanguinolentus</i> | 807956 | Effect on fish | | |
| Cottidae | | Centrarchidae | | |
| <i>Cottus gobio</i> | 803932 | <i>Micropterus salmoides</i> | 803623 | |
| <i>Cottus poeciliopus</i> | 803932 | Habitat preference | | |
| | 803934 | Experimental analysis | | |
| Cyprinodontidae | | Gasterosteidae | | |
| <i>Epiplatys bifasciatus</i> | 808275 | <i>Pungitius pungitius</i> | 807656 | |
| Gadidae | | Change with age | | |
| <i>Lota lota</i> | 805108 | Gasterosteidae | | |
| Salmonidae | | <i>Gasterosteus aculeatus</i> | 807656 | |
| <i>Oncorhynchus</i> | 806020 | Belontiidae | | |
| <i>Salmo trutta</i> | 803933 | <i>Trichogaster trichopterus</i> | 807656 | |
| Rheotaxis | | Percidae | | |
| Percidae | 807672 | <i>Perca fluviatilis</i> | 807656 | |
| Pleuronectidae | | <i>Stizostedion lucioperca</i> | 807656 | |
| <i>Pleuronectes platessa</i> | 804192 | Cyprinidae | | |
| Cyprinidae | 807672 | <i>Cyprinus carpio</i> | 807656 | |
| Swimming speed | | <i>Leucaspis delineatus</i> | 807656 | |
| Clupeidae | | <i>Rutilus rutilus</i> | 807656 | |
| <i>Sardina pilchardus</i> | 806347 | Esocidae | | |
| Feeding | | <i>Esox lucius</i> | 807656 | |
| Teleostei | | Bioluminescence | | |
| Salmonidae | 809081 | Description and occurrence | | |
| <i>Salmo gairdneri</i> | 807556 | Schooling | | |
| <i>Salmo trutta</i> | 807556 | Teleostei | 807839 | |
| Habitat preference | | Effect on fish | | |
| Salmonidae | | Schooling | | |
| <i>Salmo gairdneri</i> | 807380 | Teleostei | 807839 | |
| Hiding | | Transparency | | |
| Centrarchidae | | Habitat preference | | |
| <i>Micropterus dolomieu</i> | 807339 | Scombridae | | |
| Avoidance responses | | <i>Euthynnus pelamis</i> | 808282 | |
| Carangidae | | <i>Thunnus albacares</i> | 808282 | |
| <i>Trachurus trachurus</i> | 806318 | Darkness | | |
| Scombridae | 806318 | Adaptive evolution | | |
| Engraulidae | | Teleostei | 805735 | |
| <i>Engraulis japonicus</i> | 806318 | Acclimation | | |
| Gadidae | | Retina | | |
| <i>Boreogadus saida</i> | 806342 | Cichlidae | | |
| Salmonidae | | <i>Nannacara anomala</i> | 804152 | |
| <i>Salmo gairdneri</i> | 807545 | Effect on fish | | |
| Schooling | | Retina | | |
| Scombridae | | Characidae | | |
| <i>Euthynnus pelamis</i> | 807782 | <i>Astyanax mexicanus</i> | 803823 | |
| <i>Thunnus albacares</i> | 807782 | Neurosecretion in brain | | |
| <i>Thunnus thynnus</i> | 807782 | Clariidae | | |
| Exocoetidae | | <i>Clarias batrachus</i> | 804107 | |
| <i>Cypselurus opisthopus</i> | 804120 | Ovarian cycles | | |
| Clupeidae | | Salmonidae | | |
| <i>Sardina pilchardus</i> | 806347 | <i>Salvelinus fontinalis</i> | 808847 | |
| Vertical migrations | | Testicular cycles | | |
| Exocoetidae | | Salmonidae | | |
| <i>Cypselurus opisthopus</i> | 804120 | <i>Salvelinus fontinalis</i> | 808847 | |
| Fishing gear selectivity | | Rate of growth | | |
| Scombridae | | Salmonidae | | |
| <i>Euthynnus pelamis</i> | 807782 | <i>Salvelinus fontinalis</i> | 808847 | |
| <i>Thunnus albacares</i> | 807782 | Feeding | | |
| <i>Thunnus thynnus</i> | 807782 | Pleuronectidae | | |
| Entrainment | | <i>Pleuronectes platessa</i> | 806576 | |
| Percidae | 807672 | Soleidae | | |
| Cyprinidae | 807672 | <i>Solea solea</i> | 806576 | |
| Survival in captivity | | Avoidance responses | | |
| Cichlidae | | Gobiidae | | |
| <i>Pterophyllum</i> | 805750 | <i>Gillichthys mirabilis</i> | 803897 | |
| <i>Tilapia heudeloti</i> | 805750 | | | |
| Poeciliidae | | | | |
| <i>Poecilia reticulata</i> | 805750 | | | |

| Environmental factors (continued) | Radioactivity | | Sex chromosomes | |
|--------------------------------------|--------------------------------|---------|---------------------------------|--------|
| | Effect on fish | | Poeciliidae | |
| | Teleostei | 80~6~4 | <i>Poecilia reticulata</i> | 805254 |
| | Biochemistry | | Crossing over | |
| | Cobitidae | | Poeciliidae | |
| | <i>Misgurnus fossilis</i> | 807728 | <i>Poecilia reticulata</i> | 805254 |
| | Protein synthesis | | Mutations | |
| | Cyprinidae | | Poeciliidae | |
| | <i>Carassius auratus</i> | 805396 | <i>Poecilia reticulata</i> | 805253 |
| | Intermediate metabolism | | | 805255 |
| | Cobitidae | | | 805870 |
| | <i>Misgurnus fossilis</i> | 807675 | Lethal environmental limits | |
| | Scales | | Oryziatidae | |
| | Catostomidae | | <i>Oryzias latipes</i> | 808877 |
| | <i>Ictiobus bubalus</i> | 806159 | Reproduction | |
| | Axial skeleton | | Cobitidae | |
| | Poeciliidae | | <i>Misgurnus fossilis</i> | 807675 |
| | <i>Poecilia reticulata</i> | 805253 | | 807728 |
| | Vertebrae | | Radioactive content | |
| | Poeciliidae | | Experimental analysis | |
| | <i>Poecilia reticulata</i> | 805255 | Ictaluridae | |
| | Meninges | | <i>Ictalurus nebulosus</i> | 805126 |
| | Petromyzontomorpha | | Thyroid | |
| | <i>Lampetra planeri</i> | 80~065 | Effect on fish | |
| | Neuroendocrine system | | Bagridae | |
| | Cyprinidae | | <i>Mystus vittatus</i> | 803761 |
| | <i>Carassius auratus</i> | 806293 | General embryology | |
| | Bagridae | | Experimental analysis | |
| | <i>Mystus vittatus</i> | 806293 | Salmonidae | |
| | Blood and lymph | | <i>Coregonus peled</i> | 806423 |
| | Cobitidae | | <i>Salmo salar</i> | 806423 |
| | <i>Misgurnus fossilis</i> | 80~7~28 | Temperature | |
| | Biochemical blood constituents | | Salmonidae | |
| | Centrarchidae | | <i>Coregonus peled</i> | 806423 |
| | <i>Lepomis macrochirus</i> | 806889 | <i>Salmo salar</i> | 806423 |
| | Allograft reaction | | Mutations | |
| | Cyprinidae | | Experimental analysis | |
| | <i>Carassius auratus</i> | 806565 | Poeciliidae | |
| | Intestine | | <i>Poecilia reticulata</i> | 803600 |
| | Cyprinidae | | | 803658 |
| | <i>Carassius auratus</i> | 805396 | Temperature | |
| | Salmonidae | | Effect on fish | |
| | <i>Oncorhynchus kisutch</i> | 80~036 | Oryziatidae | |
| | Ovary | | <i>Oryzias latipes</i> | 803549 |
| | Centrarchidae | | Radioactivity | |
| | <i>Lepomis macrochirus</i> | 806889 | Effect on fish | |
| | Estrogens | | Oryziatidae | |
| | Heteropneustidae | | <i>Oryzias latipes</i> | 803549 |
| | <i>Heteropneustes fossilis</i> | 806~03 | Lethal environmental limits | |
| | Gynogenesis | | Poeciliidae | |
| | Pleuronectidae | | <i>Gambusia affinis</i> | 805386 |
| | <i>Platichthys flesus</i> | 80645~ | Lethal environmental limits | |
| | <i>Pleuronectes platessa</i> | 80645~ | Experimental analysis | |
| | Salmonidae | | Salmonidae | |
| | <i>Salmo trutta</i> | 80645~ | <i>Oncorhynchus tshawytscha</i> | 806617 |
| | Fecundity | | <i>Salmo gairdneri</i> | 803633 |
| | Poeciliidae | | Egg | |
| | <i>Poecilia reticulata</i> | 805255 | Salmonidae | |
| | Testis | | <i>Oncorhynchus tshawytscha</i> | 806617 |
| | Centrarchidae | | Radioactivity | |
| | <i>Lepomis macrochirus</i> | 806889 | Oryziatidae | |
| | Heteropneustidae | | <i>Oryzias latipes</i> | 803549 |
| | <i>Heteropneustes fossilis</i> | 805448 | Reproduction | |
| | Spermatogenesis | | Effect on fish | |
| | Oryziatidae | | Poeciliidae | |
| | <i>Oryzias latipes</i> | 804149 | <i>Gambusia affinis</i> | 803550 |
| | | 804353 | Cysteamine | |
| | | 808990 | Temperature | |
| | Androgens | | Lethal environmental limits | |
| | Heteropneustidae | | Oryziatidae | |
| | <i>Heteropneustes fossilis</i> | 806~03 | <i>Oryzias latipes</i> | 808878 |
| | Hermaphroditic gonads | | 1 gene | |
| | Oryziatidae | | Effect on fish | |
| | <i>Oryzias latipes</i> | 80~580 | Salmonidae | |
| | Egg | | <i>Oncorhynchus tshawytscha</i> | 807784 |
| | Pleuronectidae | | <i>Salmo gairdneri</i> | 805387 |
| | <i>Platichthys flesus</i> | 80645~ | | 807784 |
| | <i>Pleuronectes platessa</i> | 80645~ | Ruthenium | |
| | Salmonidae | | Experimental analysis | |
| | <i>Salmo trutta</i> | 80645~ | Gobiidae | |
| | Sperm | | <i>Acanthogobius flavimanus</i> | 806589 |
| | Pleuronectidae | | Mutagenic agents | |
| | <i>Platichthys flesus</i> | 80645~ | Effect on fish | |
| | Developing egg | | Developing egg | |
| | Oryziatidae | | Salmonidae | |
| | <i>Oryzias latipes</i> | 8058~ | <i>Coregonus peled</i> | 805394 |
| | Organogenesis | | <i>Salmo gairdneri</i> | 805394 |
| | Oryziatidae | | Water movement | |
| | <i>Oryzias latipes</i> | 80~580 | Description and occurrence | |
| | Sex reversal | | Teleostei | |
| | Poeciliidae | | | 805092 |
| | <i>Xiphophorus maculatus</i> | 80905~ | | 805476 |
| | | | | 806132 |
| | | | | 807226 |

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|---------------------------------|--------|--|-------------------------------|--------|-----------------------|--|
| Gasterosteidae | | | Lotic waters | | | |
| <i>Culaea inconstans</i> | 805878 | | Teleostei | 807434 | Environmental factors | |
| <i>Gasterosteus aculeatus</i> | 807275 | | Distribution within habitat | | (continued) | |
| Labridae | | | Percidae | | | |
| <i>Pimelometopon pulchrum</i> | 807226 | | <i>Perca flavescens</i> | 807561 | | |
| Centrarchidae | | | <i>Stizostedion vitreum</i> | 807561 | | |
| <i>Ambloplites rupestris</i> | 805878 | | Salmonidae | | | |
| <i>Micropterus dolomieu</i> | 805878 | | <i>Salmo trutta</i> | 807798 | | |
| Embiotocidae | | | Availability and use of food | | | |
| <i>Brachystius frenatus</i> | 807226 | | Teleostei | 806023 | | |
| Percidae | | | Spatial orientation | | | |
| <i>Perca fluviatilis</i> | 806133 | | Pleuronectidae | | | |
| Serranidae | | | <i>Pleuronectes platessa</i> | 805864 | | |
| <i>Paralabrax clathratus</i> | 807226 | | Congridae | | | |
| Scombridae | | | <i>Gorgasia sillneri</i> | 804854 | | |
| <i>Thunnus</i> | 806738 | | <i>Taenioconger hassi</i> | 804854 | | |
| <i>Thunnus alalunga</i> | 807189 | | Swimming | | | |
| Bothidae | | | Pleuronectidae | | | |
| <i>Paralichthys albigutta</i> | 806653 | | <i>Pleuronectes platessa</i> | 805864 | | |
| <i>Paralichthys dentatus</i> | 806653 | | Feeding | | | |
| <i>Paralichthys lethostigma</i> | 806653 | | Salmonidae | | | |
| Pleuronectidae | | | <i>Oncorhynchus kisutch</i> | 806024 | | |
| <i>Parophrys vetulus</i> | 805942 | | Habitat preference | | | |
| Cottidae | | | Acanthuridae | | | |
| <i>Cottus bairdi</i> | 805878 | | <i>Acanthurus triostegus</i> | 804921 | | |
| <i>Cottus gobio</i> | 806133 | | Territoriality | | | |
| Catostomidae | | | Cyprinodontidae | | | |
| <i>Catostomus commersoni</i> | 805878 | | <i>Cyprinodon elegans</i> | 804947 | | |
| Cobitidae | | | Schooling | | | |
| <i>Noemacheilus barbatulus</i> | 806133 | | Teleostei | 804995 | | |
| Cyprinidae | | | Home range and homing | | | |
| 8 | 806133 | | Serranidae | | | |
| Ictaluridae | | | <i>Morone chrysops</i> | 807479 | | |
| <i>Ictalurus nebulosus</i> | 805878 | | Salmonidae | | | |
| Gadidae | | | <i>Oncorhynchus nerka</i> | 806993 | | |
| <i>Gadus macrocephalus</i> | 807153 | | Migrations | | | |
| <i>Lota lota</i> | 806133 | | Salmonidae | 805964 | | |
| <i>Theragra chalcogramma</i> | 807153 | | Mating | | | |
| Esocidae | | | Cyprinodontidae | | | |
| <i>Esox lucius</i> | 806133 | | <i>Cyprinodon elegans</i> | 804947 | | |
| Umbriidae | | | Egg laying | | | |
| <i>Umbra limi</i> | 805878 | | Salmonidae | | | |
| Salmonidae | | | <i>Salvelinus fontinalis</i> | 807836 | | |
| <i>Oncorhynchus gorbusha</i> | 806644 | | Productivity | | | |
| <i>Oncorhynchus keta</i> | 806644 | | Salmonidae | | | |
| <i>Oncorhynchus nerka</i> | 808790 | | <i>Salvelinus fontinalis</i> | 806972 | | |
| <i>Oncorhynchus tshawytscha</i> | 804926 | | Sound reception | | | |
| <i>Salmo gairdneri</i> | 807275 | | Description and occurrence | | | |
| <i>Salmo trutta</i> | 806025 | | Salmonidae | | | |
| <i>Salvelinus fontinalis</i> | 806170 | | <i>Salmo clarki</i> | 807865 | | |
| <i>Salvelinus malma</i> | 806019 | | Seasonal abundance | | | |
| Effect on fish | 806025 | | Teleostei | 809100 | | |
| Cottidae | 807775 | | Floods | | | |
| <i>Cottus gobio</i> | 807775 | | Effect on fish | | | |
| <i>Cottus poecilopus</i> | 805878 | | Availability and use of food | | | |
| Intertidal zone | 806034 | | Salmonidae | | | |
| Teleostei | 807775 | | <i>Salvelinus fontinalis</i> | 807801 | | |
| Distribution within habitat | 807275 | | Standing crop | | | |
| Percidae | | | Salmonidae | | | |
| <i>Perca flavescens</i> | 805199 | | <i>Salvelinus fontinalis</i> | 807801 | | |
| <i>Stizostedion vitreum</i> | 805199 | | Tides | | | |
| Nest construction | | | Description and occurrence | | | |
| Salmonidae | | | Intertidal zone | | | |
| <i>Oncorhynchus gorbusha</i> | 808913 | | Teleostei | 806057 | | |
| <i>Oncorhynchus keta</i> | 808913 | | Effect on fish | | | |
| Effect on fish | | | Pleuronectiformes | 804972 | | |
| Cyprinidae | | | Water pressure | | | |
| <i>Notropis stramineus</i> | 807832 | | Effect on fish | | | |
| Suckers | | | Pleuronectiformes | 804972 | | |
| Gobiidae | | | Salmonidae | | | |
| <i>Gobius paganellus</i> | 806368 | | <i>Salvelinus namaycush</i> | 804675 | | |
| Cyprinodontidae | | | Gas secretion and absorption | | | |
| <i>Cyclopterus lumpus</i> | 806368 | | Salmonidae | | | |
| <i>Liparis montagu</i> | 806368 | | <i>Coregonus acronius</i> | 805093 | | |
| Gobiesociformes | | | <i>Coregonus lavaretus</i> | 805093 | | |
| <i>Apletodon microcephalus</i> | 806368 | | Hemodynamics | | | |
| Developing egg | | | Cyprinidae | | | |
| Salmonidae | | | <i>Cyprinus carpio</i> | 805248 | | |
| <i>Salvelinus fontinalis</i> | 807836 | | Developing egg | | | |
| Fry | | | Cyprinidae | | | |
| Salmonidae | | | <i>Brachydanio rerio</i> | 809045 | | |
| <i>Oncorhynchus kisutch</i> | 806024 | | Larva | | | |
| Bathyal zone | | | Teleostei | 809081 | | |
| Macrouridae | 806006 | | Change with age | | | |
| Ophidiidae | 806006 | | Cyprinidae | | | |
| Bathypteroidae | 806006 | | <i>Brachydanio rerio</i> | 809045 | | |
| | | | Behavior | | | |
| | | | Belontiidae | | | |
| | | | <i>Macropodus opercularis</i> | 807737 | | |
| | | | Cichlidae | | | |
| | | | <i>Cichlasoma biocellatum</i> | 807737 | | |

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|--------------------------------------|--------------------------------|--------|------------------------------------|--------|
| Environmental factors (continued) | Percidae | | Clupeidae | |
| | <i>Gymnocephalus cernua</i> | 807737 | <i>Alosa kessleri</i> | 807712 |
| | <i>Perca fluviatilis</i> | 807737 | <i>Clupea harengus</i> | 805319 |
| Salinity | Callichthyidae | | <i>Clupeonella delicatula</i> | 808064 |
| | <i>Corydoras paleatus</i> | 807737 | <i>Sardina pilchardus</i> | 807122 |
| | Esocidae | | | 807078 |
| | <i>Esox lucius</i> | 807737 | | 808198 |
| | Tidal rhythms | | <i>Sardinella aurita</i> | 808303 |
| | Blenniidae | | <i>Sardinella eba</i> | 805925 |
| | <i>Blennius pholis</i> | 806621 | <i>Sardinella longiceps</i> | 805925 |
| | Hydrostatics | | Engraulidae | 808573 |
| | Carangidae | | <i>Engraulis ringens</i> | 808164 |
| | <i>Trachurus mediterraneus</i> | 807979 | | 808381 |
| | Trigidae | | | 808384 |
| | <i>Trigla lucerna</i> | 807979 | | 808387 |
| | Atherinidae | | Anguillidae | |
| | <i>Atherina mochon</i> | 807979 | <i>Anguilla anguilla</i> | 808300 |
| | Clupeidae | | <i>Anguilla obscura</i> | 807244 |
| | <i>Sprattus sprattus</i> | 807979 | <i>Anguilla rostrata</i> | 807382 |
| | Gadidae | | | 807430 |
| | <i>Merlangius merlangus</i> | 807979 | Muraenidae | |
| Out of water | | | <i>Gymnothorax nigromarginatus</i> | 808400 |
| Lethal environmental limits | | | Megalopidae | |
| Gobidae | | | <i>Megalops atlantica</i> | 806978 |
| <i>Periophthalmus sobrinus</i> | 803797 | | | 807295 |
| Salinity | | | | 808813 |
| Description and occurrence | | | Cobitidae | |
| | | 805092 | <i>Cobitis aurata</i> | 807239 |
| Myximomorphs | | | <i>Noemacheilus barbatulus</i> | 807239 |
| <i>Myxine glutinosa</i> | 805094 | | Cyprinidae | 807239 |
| Elasmobranchii | 808982 | | <i>Pelecus cultratus</i> | 807712 |
| Dasyatidae | | | Gadidae | |
| <i>Dasyatis margarita</i> | 808020 | | <i>Gadus macrocephalus</i> | 807153 |
| <i>Urogymnus africanus</i> | 808020 | | <i>Pollachius virens</i> | 807074 |
| Teleostei | 805205 | | <i>Theragra chalcogramma</i> | 807153 |
| | 805655 | | Ogcocephalidae | |
| | 807091 | | <i>Dibranchius atlanticus</i> | 807130 |
| | 808020 | | Harpadontidae | |
| | 808310 | | <i>Harpadon nehereus</i> | 806064 |
| | 808351 | | Salmonidae | |
| | 808475 | | <i>Oncorhynchus</i> | 804892 |
| | 808982 | | <i>Oncorhynchus keta</i> | 806646 |
| Gasterosteidae | 807430 | | <i>Oncorhynchus nerka</i> | 804926 |
| <i>Gasterosteus aculeatus</i> | 807362 | | Intertidal zone | |
| 807543 | | | Teleostei | 806057 |
| Syngnathidae | | | Acclimation | |
| <i>Syngnathus scovelli</i> | 807017 | | Cyprinodontidae | |
| Gobiidae | 807322 | | <i>Cyprinodon variegatus</i> | 804643 |
| <i>Eleotris fusca</i> | 807244 | | <i>Fundulus heteroclitus</i> | 804643 |
| Mugiloides | 808300 | | Poeciliidae | |
| <i>Mugil cephalus</i> | 809044 | | <i>Poecilia reticulata</i> | 803890 |
| Carangidae | | | Description and occurrence | |
| <i>Seriola quinqueradiata</i> | 806314 | | Syngnathidae | |
| <i>Trachinotus carolinus</i> | 807837 | | <i>Syngnathus</i> | 808294 |
| <i>Trachinotus falcatus</i> | 807837 | | Pholididae | |
| Cichlidae | | | <i>Apodichthys</i> | 808294 |
| <i>Tilapia mossambica</i> | 807244 | | <i>Pholis</i> | 808294 |
| <i>Tilapia nilotica</i> | 808300 | | Stichaeidae | |
| <i>Tilapia zillii</i> | 808300 | | <i>Xiphister atropurpureus</i> | 808294 |
| Percidae | | | Gobiidae | |
| <i>Percarina demidoffi</i> | 807712 | | <i>Garmannia chiquita</i> | 808294 |
| Serranidae | | | <i>Quietula ycauda</i> | 808294 |
| <i>Cynoscion virescens</i> | 807029 | | Mugiloides | |
| <i>Pseudotolithus senegalensis</i> | 808648 | | <i>Mugil cephalus</i> | 808294 |
| Sparidae | | | Embiotocidae | |
| <i>Lagodon rhomboides</i> | 806244 | | <i>Cymatogaster aggregata</i> | 808294 |
| <i>Sargus annularis</i> | 808351 | | Gerreidae | |
| Polytomoides | 804280 | | <i>Eucinostomus</i> | 808294 |
| Scorpaenidae | 808351 | | Pomacentridae | |
| <i>Euthynnus pelamis</i> | 808282 | | <i>Abudefduf troschelii</i> | 808294 |
| | 808364 | | Bothidae | |
| <i>Thunnus alalunga</i> | 808364 | | <i>Citharichthys</i> | 808294 |
| <i>Thunnus albacares</i> | 808282 | | Pleuronectidae | |
| Trichuridae | | | <i>Planchistius stellatus</i> | 808294 |
| <i>Benthodesmus tenuis</i> | 808141 | | Cottidae | |
| <i>Lepidopus caudatus</i> | 808141 | | <i>Leptocottius armatus</i> | 808294 |
| <i>Trichiurus lepturus</i> | 808141 | | <i>Oligocottus maculosus</i> | 808294 |
| Xiphiidae | | | Tetraodontidae | |
| <i>Xiphias gladius</i> | 807919 | | <i>Sphoeroides annulatus</i> | 808294 |
| Bothidae | | | Batrachoidiformes | |
| <i>Paralichthys albigutta</i> | 806653 | | <i>Porichthys</i> | 808294 |
| <i>Paralichthys dentatus</i> | 806653 | | Gobiocottiformes | |
| <i>Paralichthys lethostigma</i> | 806653 | | <i>Gobiosoma</i> | 808294 |
| Pleuronectidae | 807153 | | <i>Tomiscodon humeralis</i> | 808294 |
| Soleidae | | | ATP use content and function | |
| <i>Solea solea</i> | 808300 | | Cyprinodontidae | |
| <i>Trinectes maculatus</i> | 806872 | | <i>Fundulus heteroclitus</i> | 807038 |
| Atherinidae | | | Neuroendocrine system | |
| <i>Atherina mochon</i> | 808300 | | Anguillidae | |
| Cyprinodontidae | | | <i>Anguilla anguilla</i> | 804537 |
| <i>Fundulus heteroclitus</i> | 807430 | | | |
| <i>Fundulus luciae</i> | 806869 | | | |
| <i>Fundulus similis</i> | 803947 | | | |

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|-----------------------------------|--------|---------------------------------|--------|-----------------------|
| Neurosecretion in brain | | Scorpaenidae | | Environmental factors |
| Anguillidae | | <i>Sebastes inermis</i> | 806314 | (continued) |
| <i>Anguilla anguilla</i> | 804404 | Cyprinodontidae | 804536 | |
| <i>Anguilla japonica</i> | 804404 | <i>Aphanius dispar</i> | 805059 | |
| Pars intermedia | | Gobiidae | | Salinity |
| Anguillidae | | <i>Xenotoca eiseni</i> | 804536 | |
| <i>Anguilla anguilla</i> | 804404 | Poeciliidae | 804536 | |
| <i>Anguilla japonica</i> | 804404 | Anguillidae | | |
| Gills | | <i>Anguilla anguilla</i> | 804905 | |
| Pleuronectidae | | Batrachoidiformes | | |
| <i>Platichthys flesus</i> | 808775 | <i>Opsanus tau</i> | 803998 | |
| <i>Platichthys stellatus</i> | 806076 | Salmonidae | | |
| Cottidae | | <i>Salmo gairdneri</i> | 804582 | |
| <i>Leptocottus armatus</i> | 806076 | | 809024 | |
| Salmonidae | | Water ingestion | | |
| <i>Oncorhynchus tshawytscha</i> | 806076 | Gobiidae | | |
| Biochemical blood constituents | | <i>Periophthalmus vulgaris</i> | 804124 | |
| Cyprinodontidae | | Theraponidae | | |
| <i>Fundulus heteroclitus</i> | 807037 | <i>Pelates</i> | 804124 | |
| Kidney | | Cottidae | | |
| Cyprinodontidae | | <i>Cottus morio</i> | 906630 | |
| <i>Fundulus heteroclitus</i> | 807038 | <i>Myoxocephalus scorpius</i> | 806630 | |
| Juvenile | | <i>Taurulus bubalis</i> | 806630 | |
| Salmonidae | | Salmonidae | | |
| <i>Oncorhynchus nerka</i> | 808376 | <i>Salmo gairdneri</i> | 804582 | |
| Change with age | | Permeability | | |
| Salmonidae | | Gasterosteidae | | |
| <i>Oncorhynchus nerka</i> | 808376 | <i>Gasterosteus aculeatus</i> | 804191 | |
| Lethal environmental limits | | Serranidae | | |
| Cyprinodontidae | | <i>Scranus cabrilla</i> | 805215 | |
| <i>Fundulus parvipinnis</i> | 808714 | <i>Scranus scriba</i> | 805215 | |
| Body compartments | | Pleuronectidae | | |
| Mineral content | | <i>Platichthys flesus</i> | 804191 | |
| Salmonidae | | | 805215 | |
| <i>Salmo gairdneri</i> | 809063 | Anguillidae | | |
| Effect on fish | | <i>Anguilla anguilla</i> | 804191 | |
| Teleostei | | | 805215 | |
| Gasterosteidae | | Cyprinidae | | |
| <i>Gasterosteus aculeatus</i> | 804759 | <i>Carassius auratus</i> | 805215 | |
| Pleuronectiformes | 804972 | Salmonidae | | |
| Description and occurrence | | <i>Salmo trutta</i> | 804191 | |
| Cichlidae | | Pigment cells | | |
| <i>Tilapia zillii</i> | 805055 | Oryziatidae | | |
| Cyprinodontidae | | <i>Oryzias latipes</i> | 805530 | |
| <i>Cyprinodon</i> | 806913 | Mucus glands | | |
| Acclimation | | Gasterosteidae | | |
| Poeciliidae | | <i>Gasterosteus aculeatus</i> | 804751 | |
| <i>Poecilia reticulata</i> | 805373 | Characidae | | |
| Clupeidae | | <i>Astyanax jordani</i> | 804405 | |
| <i>Clupea harengus</i> | 804985 | Rays and spines | | |
| Oxygen consumption | | Belontiidae | | |
| Cichlidae | | <i>Trichogaster leeri</i> | 805840 | |
| <i>Tilapia mossambica</i> | 803877 | Saccus vasculosus | | |
| <i>Tilapia nilotica</i> | 804397 | Gobiidae | | |
| Salmonidae | 807526 | <i>Gobius paganellus</i> | 806298 | |
| <i>Salmo gairdneri</i> | 806271 | Pit organs | | |
| Water content | | Orectolobidae | | |
| Embiotocidae | | <i>Ginglymostoma cirratum</i> | 808758 | |
| <i>Ditrema temminckii</i> | 806314 | Neuroendocrine system | | |
| Pomadasysidae | | Anguillidae | | |
| <i>Parapristipoma trilineatum</i> | 806314 | <i>Anguilla anguilla</i> | 806298 | |
| Sparidae | | Neurosecretion in brain | | |
| <i>Mylio macrocephalus</i> | 806314 | Anguillidae | | |
| Tetraodontidae | | <i>Anguilla anguilla</i> | 804404 | |
| <i>Fugu niphobles</i> | 806314 | <i>Anguilla japonica</i> | 804404 | |
| Cyprinidae | | Nucleus lateralis tuberos | | |
| <i>Cyprinus carpio</i> | 806314 | Mugiloidae | | |
| Lipid and fatty acid content | | <i>Mugil capito</i> | 806112 | |
| Cichlidae | | <i>Mugil cephalus</i> | 806112 | |
| <i>Tilapia zillii</i> | 805055 | Neurohypophysis | | |
| Oxidative metabolism | | Acipenseromorpha | | |
| Cyprinidae | | <i>Acipenser gueldenstaedti</i> | 804603 | |
| <i>Carassius auratus</i> | 805242 | | 806402 | |
| <i>Cyprinus carpio</i> | 805242 | Adenohypophysis | | |
| <i>Tinca tinca</i> | 805242 | Mugiloidae | | |
| Nitrogen metabolism | | <i>Mugil capito</i> | 805025 | |
| Elasmobranchii | 809067 | <i>Mugil cephalus</i> | 805025 | |
| Teleostei | 809067 | Cyprinodontidae | | |
| Ion and water relationships | | <i>Fundulus heteroclitus</i> | 806296 | |
| Teleostei | | <i>Fundulus kansae</i> | 806296 | |
| Gasterosteidae | | Anguillidae | | |
| <i>Gasterosteus aculeatus</i> | 804754 | <i>Anguilla anguilla</i> | 806296 | |
| Labridae | | Salmonidae | | |
| <i>Crenilabrus</i> | 804720 | <i>Oncorhynchus keta</i> | 804119 | |
| Cichlidae | | <i>Salmo gairdneri</i> | 804119 | |
| <i>Tilapia nilotica</i> | 807526 | Pars intermedia | | |
| Boiidae | | Anguillidae | | |
| <i>Paralichthys lethostigma</i> | 809064 | <i>Anguilla anguilla</i> | 804404 | |
| Cottidae | | <i>Anguilla japonica</i> | 804404 | |
| <i>Cottus morio</i> | 806630 | Corticotroph | | |
| <i>Myoxocephalus scorpius</i> | 806630 | Gobiidae | | |
| <i>Taurulus bubalis</i> | 806630 | <i>Gobius paganellus</i> | 806298 | |

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| Environmental factors (continued) | Gonadotroph | | Sparidae | |
| | Mugiloidae | | <i>Mylio macrocephalus</i> | 806314 |
| | <i>Mugil capito</i> | 806112 | Tetraodontidae | |
| Salinity | <i>Mugil cephalus</i> | 806112 | <i>Fugu niphobles</i> | 806314 |
| | Growth hormone cell | | Anguillidae | |
| | Gobiidae | | <i>Anguilla japonica</i> | 807302 |
| | <i>Gobius paganellus</i> | 806298 | Cyprinidae | |
| | Pars anterior | | <i>Cyprinus carpio</i> | 806314 |
| | Mugiloidae | | Salmonidae | 806404 |
| | <i>Mugil capito</i> | 806112 | Kidney | |
| | <i>Mugil cephalus</i> | 806112 | Teleostei | 809064 |
| | Prolactin cell | | Embiotocidae | |
| | Gobiidae | | <i>Cymatogaster aggregata</i> | 807196 |
| | <i>Gobius paganellus</i> | 806298 | Salmonidae | 806404 |
| | Mugiloidae | | Glomerulus | |
| | <i>Liza auratus</i> | 806285 | Poeciliidae | |
| | <i>Mugil cephalus</i> | 805154 | <i>Poecilia reticulata</i> | 805373 |
| | Poeciliidae | | Agglomerular kidney | |
| | <i>Poecilia latipinna</i> | 805341 | Batrachoidiformes | |
| | | 806284 | <i>Opsanus tau</i> | 804611 |
| | Anguillidae | | | 804612 |
| | <i>Anguilla anguilla</i> | 806285 | Juxtaglomerular apparatus | |
| | | 806298 | Anguillidae | |
| | Characidae | | <i>Anguilla anguilla</i> | 805390 |
| | <i>Astyanax jordani</i> | 804405 | Urine | |
| | Salmonidae | | Cyprinodontidae | |
| | <i>Oncorhynchus</i> | 806285 | <i>Fundulus heteroclitus</i> | 804724 |
| | <i>Salmo gairdneri</i> | 806285 | Salmonidae | |
| | <i>Salmo salar</i> | 806285 | <i>Salmo gairdneri</i> | 809024 |
| | Prolactin | | Ovary | |
| | Mugiloidae | | Mugiloidae | |
| | <i>Mugil cephalus</i> | 805154 | Ovarian cycles | |
| | Thyroid | | Mugiloidae | |
| | Acipenseromorpha | | <i>Mugil capito</i> | 805024 |
| | <i>Acipenser gueldenstaedti</i> | 804603 | | 805168 |
| | | 804602 | | 805024 |
| | Cichlidae | | <i>Mugil cephalus</i> | 805168 |
| | <i>Tilapia nilotica</i> | 806358 | | |
| | Adrenal cortex | | General embryology | |
| | Gobiidae | | Teleostei | 809066 |
| | <i>Gobius paganellus</i> | 806298 | Egg | |
| | Cyprinodontidae | | Salmonidae | |
| | <i>Fundulus heteroclitus</i> | 806296 | <i>Oncorhynchus keta</i> | 804657 |
| | <i>Fundulus kansae</i> | 806296 | Developing egg | |
| | Anguillidae | | Petromyzontomorpha | |
| | <i>Anguilla anguilla</i> | 806296 | <i>Petromyzon marinus</i> | 807587 |
| | | 806298 | Gasterosteidae | |
| | Cortisol | | <i>Gasterosteus aculeatus</i> | 807543 |
| | Anguillidae | | Pleuronectidae | |
| | <i>Anguilla japonica</i> | 807302 | <i>Eopsetta jordani</i> | 808867 |
| | Corpuscles of Stannius | | Hippoglossoides classodon | 808867 |
| | Anguillidae | | <i>Platichthys flesus</i> | 807322 |
| | <i>Anguilla anguilla</i> | 806298 | Engraulidae | |
| | Megalopidae | | <i>Engraulis encrasicolus</i> | 807322 |
| | <i>Megalops atlantica</i> | 807576 | Larva | |
| | Gills | | Biennidae | 807322 |
| | Gasterosteidae | | Fry | |
| | <i>Gasterosteus aculeatus</i> | 804751 | Cyprinidae | 808596 |
| | | 804754 | Salmonidae | |
| | Cichlidae | | <i>Oncorhynchus keta</i> | 804657 |
| | <i>Etioplos maculatus</i> | 804161 | <i>Salmo salar</i> | 805144 |
| | Serranidae | | Young | |
| | <i>Serranus cabrilla</i> | 805215 | Salmonidae | |
| | <i>Serranus scriba</i> | 805215 | <i>Oncorhynchus tshawytscha</i> | 803966 |
| | <i>Serranus</i> | 804001 | Juvenile | |
| | Pleuronectidae | | Salmonidae | |
| | <i>Platichthys</i> | 804001 | <i>Salmo salar</i> | 805143 |
| | <i>Platichthys flesus</i> | 805215 | Rate of growth | |
| | Anguillidae | | Cyprinidae | 808596 |
| | <i>Anguilla anguilla</i> | 804001 | Salmonidae | |
| | | 804794 | <i>Salmo salar</i> | 805143 |
| | 805215 | | | 805144 |
| | Cyprinidae | | | 807925 |
| | <i>Carassius</i> | 804001 | Energy conversion efficiency | |
| | <i>Carassius auratus</i> | 805215 | Salmonidae | |
| | Chloride cells | | <i>Salmo salar</i> | 807925 |
| | Petromyzontomorpha | 809065 | Carbon dioxide | |
| | Teleostei | 809065 | Cyprinidae | |
| | Poeciliidae | | <i>Carassius auratus</i> | 805242 |
| | <i>Gambusia affinis</i> | 804380 | <i>Cyprinus carpio</i> | 805242 |
| | Salmonidae | | <i>Tinca tinca</i> | 805242 |
| | <i>Oncorhynchus keta</i> | 804119 | Lethal environmental limits | |
| | <i>Salmo gairdneri</i> | 804119 | Gasterosteidae | |
| | Gas bladder | | <i>Gasterosteus aculeatus</i> | 807543 |
| | Cichlidae | | Cichlidae | |
| | <i>Tilapia zillii</i> | 805055 | <i>Tilapia mossambica</i> | 807595 |
| | Artanal system | | Characidae | |
| | Embiotocidae | | <i>Astyanax jordani</i> | 804405 |
| | <i>Cymatogaster aggregata</i> | 807196 | Salmonidae | 809065 |
| | Biochemical blood constituents | | <i>Oncorhynchus keta</i> | 804657 |
| | Embiotocidae | | Hydrostatics | |
| | <i>Ditrema temminckii</i> | 806314 | Biennidae | 807322 |
| | Pomadasysidae | | Pleuronectidae | |
| | <i>Paraprostipoma trilineatum</i> | 806314 | <i>Platichthys flesus</i> | 807322 |

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| Engraulidae | | | Egg | | Environmental factors |
| <i>Engraulis encrasicolus</i> | 807322 | | Effect on fish | | (continued) |
| Swimming speed | | | Salmonidae | | |
| Sciaenidae | | | <i>Salmo salar</i> | 803794 | |
| <i>Leiostomus xanthurus</i> | 804666 | | | 803795 | |
| <i>Micropogon undulatus</i> | 804666 | | Fry | | |
| Habitat preference | | | Experimental analysis | | |
| Acanthuridae | | | Salmonidae | | |
| <i>Acanthurus triostegus</i> | 804921 | | <i>Oncorhynchus gorbuscha</i> | 808924 | |
| Cyprinodontidae | | | Lethal environmental limits | | |
| <i>Cyprinodon</i> | 806913 | | Gasterosteidae | | |
| Poisons liberated into water | | | <i>Gasterosteus aculeatus</i> | 803806 | |
| Cichlidae | | | Gobiidae | | |
| <i>Tilapia mossambica</i> | 807595 | | <i>Pomatoschistus microps</i> | 806837 | |
| Migrations | | | Cichlidae | | |
| Salmonidae | | | <i>Tilapia grahami</i> | 806107 | |
| <i>Oncorhynchus</i> | 804692 | | <i>Tilapia mossambica</i> | 805436 | |
| <i>Oncorhynchus kisutch</i> | 804746 | | <i>Tilapia nilotica</i> | 805436 | |
| <i>Oncorhynchus tshawytscha</i> | 804746 | | <i>Tilapia sparrmani</i> | 805436 | |
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| Cichlidae | | | <i>Sillago sihama</i> | 806767 | |
| <i>Tilapia mossambica</i> | 806116 | | Cyprinidae | | |
| Sensory discrimination | | | <i>Ctenopharyngodon idella</i> | 807005 | |
| Scorpaenidae | | | Experimental analysis | | |
| <i>Sebastes inermis</i> | 806314 | | Atherinidae | | |
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| Memory mechanisms | | | Teleostei | 803898 | |
| Salmonidae | | | Developing egg | | |
| <i>Oncorhynchus kisutch</i> | 807476 | | Gobiidae | | |
| <i>Oncorhynchus tshawytscha</i> | 807476 | | <i>Gobiosoma nudum</i> | 807604 | |
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| <i>Xiphophorus maculatus X</i> | 804551 | | Change with age | | |
| <i>Xiphophorus maculatus X</i> | | | Acipenseromorpha | 803898 | |
| <i>Xiphophorus helleri X</i> | 804551 | | Teleostei | 803898 | |
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| <i>Tilapia mossambica</i> | 804206 | | <i>Oncorhynchus gorbuscha</i> | 808924 | |
| Meristics | | | Reproduction | | |
| Experimental analysis | | | Description and occurrence | | |
| Clupeidae | | | Sciaenops ocellata | 803606 | |
| <i>Clupea harengus</i> | 804591 | | Amino acids | | |
| Ion and water relationships | | | Effect on fish | | |
| Experimental analysis | | | Brain | | |
| Cyprinidae | | | Acipenseromorpha | | |
| <i>Carassius auratus</i> | 804037 | | <i>Acipenser gueldenstaedti</i> | 805257 | |
| Acclimation | | | <i>Acipenser stellatus</i> | 805257 | |
| Cyprinidae | | | Distribution and occurrence | | |
| <i>Carassius auratus</i> | 804037 | | Scombridae | | |
| Effect on fish | | | <i>Euthynnus pelamis</i> | 806745 | |
| Pholididae | | | <i>Thunnus albacares</i> | 806745 | |
| <i>Pholis gunnellus</i> | 803796 | | <i>Thunnus obesus</i> | 806745 | |
| Salmonidae | | | Effect on development | | |
| <i>Salmo salar</i> | 803794 | | Ovary | | |
| | 803795 | | Clupeidae | | |
| Urophysis | | | <i>Brevoortia patronus</i> | 807016 | |
| Acclimation | | | Testis | | |
| Gasterosteidae | | | Clupeidae | | |
| <i>Gasterosteus aculeatus</i> | 803818 | | <i>Brevoortia patronus</i> | 807016 | |
| Gills | | | Hydrogen ion concentration | | |
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| <i>Platichthys flesus</i> | 804031 | | Teleostei | 805231 | |
| Anguillidae | | | | 808996 | |
| <i>Anguilla anguilla</i> | 804031 | | Gasterosteidae | | |
| Acclimation | | | <i>Gasterosteus aculeatus</i> | 805961 | |
| Pleuronectidae | | | Gobiidae | 806678 | |
| <i>Platichthys flesus</i> | 804031 | | Carangidae | | |
| Anguillidae | | | <i>Trachinotus carolinus</i> | 807837 | |
| <i>Anguilla anguilla</i> | 804031 | | <i>Trachinotus falcatus</i> | 807837 | |
| Blood and lymph | | | Cichlidae | 806089 | |
| Effect on fish | | | <i>Tilapia aurea X</i> | | |
| Salmonidae | | | <i>Tilapia nilotica X</i> | 805973 | |
| <i>Salmo gairdneri</i> | 803589 | | Cottidae | | |
| Biochemical blood constituents | | | <i>Cottus gobio</i> | 805961 | |
| Effect on fish | | | Atherinidae | | |
| Carcharinidae | | | <i>Menidia extensa</i> | 807835 | |
| <i>Carcharinus leucas</i> | 803628 | | Cyprinodontidae | 806089 | |
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| Acclimation | | | <i>Anguilla anguilla</i> | 806814 | |
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| <i>Anguilla anguilla</i> | 803819 | | <i>Megalops atlantica</i> | 806978 | |
| Kidney | | | Anostomidae | 806089 | |
| Acclimation | | | Characidae | 806089 | |
| Anguillidae | | | Erythrinidae | 806089 | |
| <i>Anguilla anguilla</i> | 803819 | | Gasteropelecidae | 806089 | |
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| <i>Gasterosteus aculeatus</i> | 803592 | | | | |

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| Cyprinidae | 806678 | Squalidae | |
| <i>Catla catla</i> | 805197 | <i>Squalus acanthias</i> | 808884 |
| <i>Cirrhina mrigala</i> | 805197 | Labyrinth | |
| <i>Ctenopharyngodon idella</i> | 808440 | Blood and lymph | |
| <i>Cyprinus carpio</i> | 806814 | Pleuronectidae | |
| <i>Labeo rohita</i> | 805197 | <i>Hippoglossoides dubius</i> | 808476 |
| <i>Phoxinus phoxinus</i> | 805961 | <i>Reinhardtius matsuurai</i> | 808476 |
| Apterodontidae | 806089 | Cottidae | |
| Callichthyidae | 806089 | <i>Myoxocephalus stelleri</i> | 808476 |
| Cetopsidae | 806089 | Gadidae | |
| Loricariidae | 806089 | <i>Gadus macrocephalus</i> | 808476 |
| Pinelodontidae | 806089 | <i>Theragra chalcogramma</i> | 808476 |
| Trichomycteridae | 806089 | Lethal environmental limits | |
| Salmonidae | | Cyprinidae | |
| <i>Salmo salar</i> | 805961 | <i>Ctenopharyngodon idella</i> | 807005 |
| <i>Salmo trutta</i> | 805961 | Habitat destruction | |
| Acclimation | | Description and occurrence | |
| Locomotion | | Teleostei | 803989 |
| Salmonidae | | Water hardness | |
| <i>Salmo salar</i> | 806255 | Effect on fish | |
| Breathing | | Salmonidae | |
| Salmonidae | | <i>Salmo gairdneri</i> | 806974 |
| <i>Salmo salar</i> | 806255 | Inorganics in water | |
| Effect on fish | | Gasterosteidae | |
| Semionotomorpha | | <i>Gasterosteus aculeatus</i> | 805961 |
| <i>Lepisosteus</i> | 808170 | Cottidae | |
| Centrarchidae | | <i>Cottus gobio</i> | 805961 |
| <i>Lepomis macrochirus</i> | 808170 | Cyprinidae | |
| Percidae | | <i>Phoxinus phoxinus</i> | 805961 |
| <i>Etheostoma spectabile</i> | 808170 | Salmonidae | |
| Cyprinodontidae | | <i>Salmo salar</i> | 805961 |
| <i>Fundulus kansae</i> | 808170 | <i>Salmo trutta</i> | 805961 |
| Poeciliidae | | Description and occurrence | |
| <i>Gambusia affinis</i> | 808170 | Dasyatidae | 805231 |
| Cyprinidae | 808170 | Acipenseromorpha | 808464 |
| Ictaluridae | | Teleostei | 805231 |
| <i>Ictalurus natalis</i> | 808170 | 806129 | |
| Description and occurrence | | 807234 | |
| Centrarchidae | | 807913 | |
| <i>Lepomis macrochirus</i> | 806373 | 808464 | |
| Percidae | 806373 | 808996 | |
| <i>Perca flavescens</i> | 806373 | Cichlidae | 806089 |
| Catostomidae | | <i>Tilapia aurea</i> X | |
| <i>Catostomus commersoni</i> | 806373 | <i>Tilapia nilotica</i> X | 805973 |
| Enzymology | | Percidae | |
| Salmonidae | | <i>Perca flavescens</i> | 805985 |
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| Biomembranes | | <i>Stizostedion</i> | 806650 |
| Cyprinidae | | <i>Stizostedion canadense</i> | 804525 |
| <i>Tinca tinca</i> | 807896 | Sciaenidae | |
| Muscular electrophysiology | | <i>Aplodinotus grunniens</i> | 806650 |
| Percidae | | Serranidae | |
| <i>Perca fluviatilis</i> | 805822 | <i>Morone americana</i> | 805985 |
| Cyprinidae | | <i>Morone saxatilis</i> | 806649 |
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| <i>Tinca tinca</i> | 805822 | <i>Morone chrysops</i> X | 806649 |
| Pseudobranch | | Cyprinodontidae | 806089 |
| Cyprinidae | | <i>Fundulus diaphanus</i> | 805985 |
| <i>Tinca tinca</i> | 807896 | Clupeidae | |
| Heart | | <i>Alosa aestivalis</i> | 805985 |
| Percidae | | <i>Alosa pseudoharengus</i> | 805985 |
| <i>Perca fluviatilis</i> | 805822 | Engraulidae | |
| Cyprinidae | | <i>Engraulis ringens</i> | 808164 |
| <i>Cyprinus carpio</i> | 805822 | Anguillidae | |
| <i>Tinca tinca</i> | 805822 | <i>Anguilla anguilla</i> | 806814 |
| Gas transport by blood | | <i>Anguilla rostrata</i> | 805985 |
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| <i>Salvelinus fontinalis</i> | 806948 | Characidae | 806089 |
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| Salmonidae | | Erythrinidae | 806089 |
| <i>Oncorhynchus gorbuscha</i> | 808767 | Gasteropelecidae | 806089 |
| Developing egg | | Catostomidae | 808486 |
| Salmonidae | | <i>Chasmistes cujus</i> | 808138 |
| <i>Salvelinus fontinalis</i> | 806969 | Cyprinidae | 808632 |
| Lethal environmental limits | | <i>Catla catla</i> | 805197 |
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| <i>Lepomis macrochirus</i> | 808814 | <i>Cirrhina mrigala</i> | 805197 |
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| Productivity | | <i>Ctenopharyngodon idella</i> | 808440 |
| Centrarchidae | | <i>Cyprinus carpio</i> | 805973 |
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| Artificial incubation | | <i>Scardinius erythrophthalmus</i> | 808354 |
| Salmonidae | | Apterodontidae | 806089 |
| <i>Salvelinus fontinalis</i> | 806969 | Callichthyidae | 806089 |
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| | 808605 | Loricariidae | 806089 |
| Homeostatic mechanisms | | Pinelodontidae | 806089 |
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| Siluridae | | Salmonidae | | Environmental factors |
| <i>Silurus glanis</i> | 805232 | <i>Salmo trutta</i> | 806033 | (continued) |
| Trichomycteridae | 806089 | Effect on fish | | |
| Salmonidae | | Salmonidae | | |
| <i>Coregonus</i> | 806650 | <i>Salmo gairdneri</i> | 806974 | |
| <i>Oncorhynchus gorbuscha</i> | 806643 | Calcium sulfate | | |
| | 806644 | Effect on fish | | |
| <i>Oncorhynchus keta</i> | 806644 | Lethal environmental limits | | |
| | 806646 | Ictaluridae | | |
| <i>Oncorhynchus nerka</i> | 808376 | <i>Ictalurus punctatus</i> | 806818 | |
| | 808659 | Distribution and occurrence | | |
| <i>Salmo clarki</i> | 808138 | Semionotomorpha | 806165 | |
| <i>Salmo gairdneri</i> | 807308 | Centrarchidae | | |
| <i>Salmo salar</i> | 805975 | <i>Pomoxis annularis</i> | 806165 | |
| | 806879 | Percidae | | |
| | 808149 | <i>Stizostedion vitreum</i> | 806165 | |
| Seasonal changes | | Sciaenidae | | |
| Salmonidae | | <i>Aplodinotus grunniens</i> | 806165 | |
| <i>Salmo gairdneri</i> | 808506 | Serranidae | | |
| Effect on fish | | <i>Morone chrysops</i> | 806165 | |
| Description and occurrence | 806128 | Clupeidae | | |
| Acclimation | | <i>Dorosoma cepedianum</i> | 806165 | |
| Salmonidae | | Catostomidae | | |
| <i>Oncorhynchus kisutch</i> | 806087 | <i>Carpiodes carpio</i> | 806165 | |
| Ion and water relationships | | <i>Ictalurus bubalus</i> | 806165 | |
| Pleuronectidae | | Ictaluridae | | |
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| Anguillidae | | <i>Ictalurus punctatus</i> | 806165 | |
| <i>Anguilla anguilla</i> | 804404 | <i>Pygidictis olivaris</i> | 806165 | |
| <i>Anguilla japonica</i> | 804404 | Fluoride | | |
| Nose | | Effect on fish | | |
| Salmonidae | | Salmonidae | | |
| <i>Oncorhynchus kisutch</i> | 807477 | <i>Salmo gairdneri</i> | 806974 | |
| <i>Oncorhynchus tshawytscha</i> | 807477 | Hydrogen sulfide | | |
| Pars intermedia | | Effect on fish | | |
| Anguillidae | | Teleostei | 806465 | |
| <i>Anguilla anguilla</i> | 804404 | Iodine | | |
| <i>Anguilla japonica</i> | 804404 | Oligotrophic lakes | | |
| Adrenal cortex | | Salmonidae | | |
| Poeciliidae | | <i>Salmo gairdneri</i> | 805387 | |
| <i>Poecilia reticulata</i> | 809035 | Phosphorus | | |
| Corpuscles of Stannius | | Reservoirs | 806161 | |
| Poeciliidae | | Strontium | | |
| <i>Poecilia reticulata</i> | 809035 | Effect on fish | | |
| Gills | | Mineral content | | |
| Pleuronectidae | | Salmonidae | | |
| <i>Platichthys flesus</i> | 808775 | <i>Salmo gairdneri</i> | 808853 | |
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| <i>Petromyzon marinus</i> | 807587 | <i>Salmo gairdneri</i> | 808853 | |
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| Salmonidae | | Fish kill | | |
| <i>Oncorhynchus kisutch</i> | 806087 | Teleostei | 806160 | |
| Lethal environmental limits | | Organics in water | | |
| Cyprinidae | | Description and occurrence | | |
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| <i>Oncorhynchus kisutch</i> | 807477 | <i>Perca flavescens</i> | 805985 | |
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| Diseases of fishes | | <i>Morone americana</i> | 805985 | |
| Salmonidae | | Cyprinodontidae | | |
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| <i>Salvelinus fontinalis</i> | 808522 | Nose | | |
| Carbon dioxide transport | | Salmonidae | | |
| Effect on fish | | <i>Oncorhynchus kisutch</i> | 807477 | |
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| <i>Carassius auratus</i> | 804067 | Migrations | | |
| Reservoirs | | Salmonidae | | |
| Standing crop | 806164 | <i>Oncorhynchus kisutch</i> | 807477 | |
| Subterranean waters | | <i>Oncorhynchus tshawytscha</i> | 807477 | |
| Description and occurrence | | Reservoirs | | |
| Amblyopsidae | 808771 | Standing crop | 806164 | |
| Habitat preference | | Productivity | | |
| Description and occurrence | | Description and occurrence | | |
| Cyprinodontidae | | Teleostei | 806160 | |
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| Anesthetics | | Description and occurrence | | |
| Lethal environmental limits | | Elasmobranchii | 808288 | |
| Salmonidae | | Acipenseromorpha | 808464 | |
| <i>Salmo gairdneri</i> | 808601 | Teleostei | 806132 | |
| Calcium | | | 807234 | |
| Description and occurrence | | | 808288 | |
| Cottidae | | | 808464 | |
| <i>Cottus gobio</i> | 806033 | | 808630 | |
| | | | 808996 | |

| Environmental factors (continued) | Gasterosteidae | | Effect on fish | |
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| | <i>Gasterosteus aculeatus</i> | 807198 | Biochemistry | |
| Oxygen | Ammodytidae | | Salmonidae | |
| | <i>Ammodytes tobianus</i> | 807198 | <i>Salmo gairdneri</i> | 807776 |
| | Gobiidae | | Oxygen consumption | |
| | <i>Pomatoschistus minutus</i> | 807198 | Teleostei | 805821 |
| | Labridae | | Channichthyidae | |
| | <i>Tautoglabrus adspersus</i> | 805998 | <i>Chaeocephalus aceratus</i> | 804248 |
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| | <i>Trachinotus carolinus</i> | 807837 | <i>Tilapia mossambica</i> | 804397 |
| | <i>Trachinotus falcatus</i> | 807837 | <i>Tilapia nilotica</i> | 804394 |
| | Centrarchidae | | Cyprinidae | |
| | <i>Lepomis gibbosus</i> | 805990 | <i>Carassius auratus</i> | 808220 |
| | Cichlidae | 806089 | Oxidative metabolism | |
| | <i>Tilapia aurea X</i> | | Cobitidae | |
| | <i>Tilapia nilotica X</i> | 805973 | <i>Misgurnus fossilis</i> | 804590 |
| | <i>Tilapia nilotica X</i> | | ATP content and function | |
| | <i>Tilapia aurea X</i> | 805973 | Cobitidae | |
| | Percidae | | <i>Misgurnus fossilis</i> | 804601 |
| | <i>Gymnocephalus cernua</i> | 807198 | Biomembranes | |
| | <i>Perca fluviatilis</i> | 807198 | Cyprinidae | |
| | Sciaenidae | | <i>Tinca tinca</i> | 807896 |
| | <i>Pseudotolithus senegalensis</i> | 808648 | Surface volume relationship | |
| | Serranidae | | Gobiidae | |
| | <i>Dicentrarchus labrax</i> | 807198 | <i>Rhinogobius brunneus</i> | 805372 |
| | Polynemoidae | 804280 | Lateral line | |
| | Cottidae | | Salmonidae | |
| | <i>Cottus gobio</i> | 804053 | <i>Salmo gairdneri</i> | 806988 |
| | <i>Cottus poecilopus</i> | 804053 | Neurosecretion in brain | |
| | Clupeidae | | Cyprinidae | |
| | <i>Clupea harengus</i> | 805319 | <i>Barbus barbus</i> | 805266 |
| | | 808064 | <i>Barbus meridionalis</i> | 805266 |
| | | 805325 | <i>Chondrostoma nasus</i> | 805266 |
| | <i>Sprattus sprattus</i> | 807198 | <i>Leuciscus cephalus</i> | 805266 |
| | Anguillidae | | Corticotroph | |
| | <i>Anguilla anguilla</i> | 807198 | Cyprinidae | |
| | Characidae | 806089 | <i>Barbus barbus</i> | 805343 |
| | Erythrinidae | 806089 | <i>Barbus meridionalis</i> | 805343 |
| | Gasteropelecidae | 806089 | <i>Chondrostoma nasus</i> | 805343 |
| | Catostomidae | 808486 | <i>Leuciscus cephalus</i> | 805343 |
| | Cyprinidae | 807198 | Gills | |
| | | 807239 | Gobiidae | |
| | | 808630 | <i>Rhinogobius brunneus</i> | 805372 |
| | | 808632 | Aerial respiration | |
| | <i>Catla catla</i> | 805197 | Dipnoi | |
| | 808615 | | <i>Protopterus aethiopicus</i> | 807318 |
| | <i>Cirrhinia mrigala</i> | 805197 | Pantodontidae | |
| | | 808615 | <i>Pantodon buchholzi</i> | 804940 |
| | <i>Labeo gonius</i> | 806180 | Pseudobranch | |
| | <i>Labeo rohita</i> | 805197 | Cyprinidae | |
| | | 808615 | <i>Tinca tinca</i> | 807896 |
| | <i>Scardinius erythrophthalmus</i> | 808354 | Salmonidae | |
| | Callitichthyidae | 806089 | <i>Salmo gairdneri</i> | 803999 |
| | Pimelodontidae | 806089 | Heart | |
| | Siluridae | | Salmonidae | |
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| | Gadidae | | Hemoglobin | |
| | <i>Gadus morhua</i> | 805281 | Sparidae | |
| | <i>Trisopterus luscus</i> | 807198 | <i>Lagodon rhomboides</i> | 803900 |
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| | Chanidae | | <i>Ictalurus nebulosus</i> | 804369 |
| | <i>Chanos chanos</i> | 808204 | Urine | |
| | Esocidae | | Squalidae | |
| | <i>Esox lucius</i> | 807198 | <i>Squalus acanthias</i> | 808884 |
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| | <i>Lamppanyctus mexicanus</i> | 804276 | <i>Salmo gairdneri</i> | 807776 |
| | Osmeridae | | Developing egg | |
| | <i>Osmerus eperlanus</i> | 807198 | Cyprinidae | 807758 |
| | Salmonidae | 805990 | Esocidae | |
| | | 808486 | <i>Esox lucius</i> | 807758 |
| | <i>Coregonus artedii</i> | 805726 | Salmonidae | |
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| | <i>Oncorhynchus keta</i> | 806644 | Cleavage and epiboly | |
| | | 806646 | Cobitidae | |
| | <i>Oncorhynchus kisutch</i> | 806037 | <i>Misgurnus fossilis</i> | 804601 |
| | <i>Oncorhynchus nerka</i> | 808376 | Embryo physiology | |
| | | 808659 | Cobitidae | |
| | <i>Oncorhynchus tshawytscha</i> | 806170 | <i>Misgurnus fossilis</i> | 804590 |
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| | Lethal environmental limits | | <i>Esox lucius</i> | 805894 |
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| | Seasonal changes | | Cobitidae | |
| | Esocidae | | <i>Misgurnus fossilis</i> | 804593 |
| | <i>Esox lucius</i> | 807870 | Cyprinidae | |
| | Salmonidae | | <i>Vimba vimba</i> | 804769 |
| | <i>Salmo gairdneri</i> | 808506 | Larva | |
| | Nest construction | | Salmonidae | |
| | Salmonidae | | <i>Oncorhynchus</i> | 806020 |
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| | <i>Oncorhynchus keta</i> | 808913 | Salmonidae | |
| | | | <i>Thymallus arcticus</i> | 807278 |

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| Esocidae | | | <i>Stizostedion vitreum</i> | 806165 | | (continued) |
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| Pomadasysidae | | | <i>Rhinomugil corsula</i> | 806902 | |
| <i>Parapristipoma trilineatum</i> | 804805 | | Nototheniidae | | |
| Scorbridae | 804805 | | <i>Notothenia gibberifrons</i> | 808011 | |
| Pleuronectidae | | | Branchiostegidae | | |
| <i>Kareius bicoloratus</i> | 804804 | | <i>Caulotilus princeps</i> | 807230 | |
| Vitamin content | | | Centropomidae | | |
| As commensal | | | <i>Ambassis nama</i> | 806932 | |
| Cyprinidae | | | Chaetodontidae | | |
| <i>Cyprinus carpio</i> | 807988 | | <i>Heniochus nigrirostris</i> | 808465 | |
| Gut | | | Cichlidae | | |
| As food for fish | | | <i>Haplochromis</i> | 806349 | |
| Salmonidae | | | <i>Hemihaplochromis multicolor</i> | 804708 | |
| <i>Oncorhynchus keta</i> | 807304 | | <i>Tilapia mossambica</i> | 806934 | |
| <i>Oncorhynchus kisutch</i> | 807304 | | 808350 | | |
| <i>Salmo gairdneri</i> | 807304 | | <i>Tilapia shirana</i> | 803650 | |
| As commensal | | | Embiotocidae | 807230 | |
| Salmonidae | | | Kyphosidae | | |
| <i>Oncorhynchus keta</i> | 807304 | | <i>Girella nigricans</i> | 807230 | |
| <i>Oncorhynchus kisutch</i> | 807304 | | <i>Hermosilla azurea</i> | 807230 | |
| <i>Salmo gairdneri</i> | 807304 | | <i>Medialuna californiensis</i> | 807230 | |
| Chitinolytic bacteria | | | Lutjanidae | 806763 | |
| As commensal | | | Pomacentridae | | |
| Chimaeromorpha | | | <i>Abudefduf sordidus</i> | 805465 | |
| <i>Hydrologus collei</i> | 806617 | | <i>Abudefduf troschelii</i> | 808465 | |
| Squalidae | | | <i>Hypsopops rubicunda</i> | 807230 | |
| <i>Squalus acanthias</i> | 806617 | | <i>Pomacentrus jenkinsi</i> | 805106 | |
| Teleostei | 806617 | | <i>Pomacentrus rectifraenum</i> | 808465 | |
| Cottidae | | | Pomadasysidae | | |
| <i>Leptochoilus armatus</i> | 806617 | | <i>Anisotremus davidsoni</i> | 807230 | |
| Endotoxin | | | Sciaenidae | | |
| Effect on fish | | | <i>Cheilotrema saturnum</i> | 807230 | |
| Salmonidae | | | <i>Pseudosciaena coibor</i> | 808586 | |
| <i>Oncorhynchus kisutch</i> | 807345 | | Serranidae | | |
| <i>Salmo gairdneri</i> | 807345 | | <i>Paralabrax clathratus</i> | 807229 | |
| Algae | | | | 807230 | |
| Description and occurrence | | | <i>Paralabrax nebulifer</i> | 807230 | |
| Teleostei | 807188 | | Sparidae | | |
| | 808996 | | <i>Lagodon rhomboides</i> | 808663 | |
| Syngnathidae | 807237 | | Cottidae | | |
| Blenniidae | 807237 | | <i>Cottus beldingi</i> | 808721 | |
| Labridae | 807237 | | <i>Scorpaenichthys marmoratus</i> | 807230 | |
| Odacidae | | | Hexagrammidae | | |
| <i>Coregonoides vittatus</i> | 807237 | | <i>Ophiodon elongatus</i> | 807230 | |
| <i>Coridodax pullus</i> | 807237 | | <i>Oxylebius pictus</i> | 807230 | |
| Aplodactylidae | | | Scorpaenidae | 807230 | |
| <i>Cheilodactylus spectabilis</i> | 807237 | | Atherinidae | | |
| <i>Dactylosargus arcidens</i> | 807237 | | <i>Atherinops affinis</i> | 807230 | |
| Kyprinidae | | | Clupeidae | | |
| <i>Girella tricuspidata</i> | 807237 | | <i>Hilsa ilisha</i> | 809007 | |
| Latridae | | | <i>Sardinella longiceps</i> | 808595 | |
| <i>Latridopsis ciliaris</i> | 807237 | | Engraulidae | | |
| Mugiloididae | | | <i>Engraulis japonicus</i> | 806761 | |
| <i>Parapercichthys colias</i> | 807237 | | <i>Engraulis ringens</i> | 804334 | |
| Balistidae | | | | 808386 | |
| <i>Allomonacanthus convirostris</i> | 807237 | | | 809008 | |
| Diodontidae | | | Elopidae | | |
| <i>Allomyceterus whitleyi</i> | 807237 | | <i>Elops saurus</i> | 808190 | |
| Effect on fish | | | Characidae | | |
| Habitat preference | | | <i>Alestes dageti</i> | 805053 | |
| Acanthuridae | | | <i>Micralestes acutidens</i> | 805053 | |
| <i>Acanthurus triostegus</i> | 804921 | | Catostomidae | | |
| As food for fish | | | <i>Catostomus platyrhynchus</i> | 807795 | |
| Acipenseromorpha | | | Cobitidae | | |
| <i>Acipenser ruthenus</i> | 808444 | | <i>Botia lohachacta</i> | 806932 | |
| Teleostei | 805465 | | Cyprinidae | 804897 | |
| Holocentridae | 806763 | | | 807333 | |
| Acanthuridae | 805679 | | <i>Barbus conchoniis</i> | 808933 | |
| <i>Acanthurus</i> | 805465 | | <i>Barbus kolus</i> | 808571 | |
| Siganidae | | | <i>Barbus sophore</i> | 806932 | |
| <i>Siganus fuscescens</i> | 805205 | | <i>Blicca bjoerkna</i> | 804076 | |
| Anabantidae | | | <i>Catla catla</i> | 808593 | |
| <i>Ctenopoma muriei</i> | 804708 | | <i>Cirrhhina mrigala</i> | 806966 | |
| Belontiidae | | | | 808593 | |
| <i>Colisa fasciata</i> | 806932 | | <i>Cyprinus carpio</i> | 806484 | |
| Blenniidae | 805656 | | <i>Gila elegans</i> | 807794 | |
| Chaenopsidae | | | <i>Gila robusta</i> | 807794 | |
| <i>Acanthemblemaria macrospilus</i> | 808465 | | <i>Gobio gobio</i> | 804077 | |
| Clinidae | 807230 | | <i>Labeo bata</i> | 805907 | |
| Gobiidae | 806634 | | <i>Labeo calbasu</i> | 808593 | |
| <i>Boleophthalmus boddarti</i> | 809057 | | <i>Labeo capensis</i> | 806121 | |
| <i>Boleophthalmus dussumieri</i> | 805722 | | <i>Labeo rohita</i> | 808593 | |
| <i>Chasmichthys dolichognathus</i> | 806228 | | <i>Labeo umbratus</i> | 806121 | |
| <i>Chasmichthys gulosus</i> | 806228 | | <i>Leucaspis delinatus</i> | 805690 | |
| <i>Scartelaos viridis</i> | 809057 | | <i>Leuciscus cephalus</i> | 808460 | |
| Labridae | | | <i>Oxygaster bacaila</i> | 806901 | |
| <i>Halichoeres semicinctus</i> | 807230 | | <i>Phoxinus erythrogaster</i> | 804435 | |
| <i>Oxyjulis californica</i> | 807230 | | <i>Rutilus rutilus</i> | 806484 | |
| <i>Pimelometopon pulchrum</i> | 807230 | | <i>Scardinius erythrophthalmus</i> | 808354 | |
| <i>Thalassoma lucasanum</i> | 808465 | | Ictaluridae | | |
| Mugiloidae | | | <i>Ictalurus furcatus</i> | 808514 | |
| <i>Mugil brasiliensis</i> | 808189 | | <i>Ictalurus punctatus</i> | 808514 | |

| Environmental factors (continued) | | | Vascular plants | |
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| | Siluridae | | Description and occurrence | |
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| | Experimental analysis | | | 806132 |
| | Centrarchidae | | | 807193 |
| | <i>Lepomis macrochirus</i> | 804071 | | 808630 |
| | Cyprinidae | | | 805605 |
| | <i>Cirrhina mrigala</i> | 806725 | Channiformes | |
| | <i>Hypophthalmichthys molitrix</i> | 807653 | Gasterosteidae | |
| | Larva | | <i>Culaea inconstans</i> | 805878 |
| | Petromyzontomorpha | | Syngnathidae | |
| | <i>Ichthyomyzon bdellium</i> | 809030 | <i>Syngnathus scovelli</i> | 807017 |
| | Clupeidae | | Mastacembelidae | |
| | <i>Sardina pilchardus</i> | 804529 | <i>Mastacembelus armatus</i> | 805605 |
| | Young | | Centrarchidae | |
| | Clupeidae | | <i>Ambloplites rupestris</i> | 805878 |
| | <i>Dorosoma petenense</i> | 808466 | <i>Micropterus dolomieu</i> | 805878 |
| | Change with age | | Centropomidae | |
| | Cyprinidae | | <i>Ambassis nama</i> | 805605 |
| | <i>Hypophthalmichthys molitrix</i> | 807653 | Cottidae | |
| | Coral reef | | <i>Cottus bairdi</i> | 805878 |
| | Teleostei | 805066 | Atherinidae | |
| | Attachment to fish | | <i>Menidia extensa</i> | 807835 |
| | As commensal | | Belontiidae | |
| | Scorpaenidae | | <i>Xenentodon cancila</i> | 805605 |
| | <i>Taenianotus triacanthus</i> | 807950 | Characidae | |
| | Seaweeds | | Catostomidae | 806129 |
| | Description and occurrence | | <i>Catostomus commersoni</i> | 805878 |
| | Stichaeidae | | Cobiidae | 805605 |
| | <i>Stichaeus punctatus</i> | 807428 | Cyprinidae | 805605 |
| | Effect on fish | | | 805878 |
| | Habitat preference | | | 808630 |
| | Teleostei | 807226 | | 808984 |
| | | 807227 | Bagridae | 805605 |
| | | 807228 | Heteropneustidae | |
| | | 807231 | <i>Heteropneustes fossilis</i> | 805605 |
| | Syngnathidae | | Ictaluridae | |
| | <i>Syngnathus californiensis</i> | 807227 | <i>Ictalurus nebulosus</i> | 805878 |
| | Blenniidae | | Siluridae | |
| | <i>Hypsoblennius gentilis</i> | 807227 | <i>Ompok bimaculatus</i> | 805605 |
| | Clinidae | 807227 | <i>Wallagonia attu</i> | 805605 |
| | Pholididae | | Notopteridae | |
| | <i>Ulvicola sanctaerosae</i> | 807227 | <i>Notopterus notopterus</i> | 805605 |
| | Stichaeidae | | Umbridae | |
| | <i>Xiphister atropurpureus</i> | 807227 | <i>Umbra limi</i> | 805878 |
| | <i>Xiphister mucosus</i> | 807227 | Salmonidae | |
| | Labridae | | <i>Salmo gairdneri</i> | 808798 |
| | <i>Oxyjulis californica</i> | 807227 | <i>Salmo salar</i> | 805976 |
| | | 807228 | <i>Salmo trutta</i> | 805976 |
| | <i>Pimelomctopon pulchrum</i> | 807226 | <i>Salvelinus fontinalis</i> | 805878 |
| | | 807227 | Effect on fish | |
| | | 807228 | Teleostei | 808415 |
| | Embiotocidae | | As food for fish | |
| | <i>Brachyistius frenatus</i> | 807227 | Siganidae | |
| | | 807226 | <i>Siganus fuscescens</i> | 805205 |
| | <i>Embiotoca jacksoni</i> | 807228 | Mugiloidae | |
| | Kyphosidae | | <i>Rhinomugil corsula</i> | 808579 |
| | <i>Girella nigricans</i> | 807227 | Centropomidae | |
| | | 807228 | <i>Lates calcarifer</i> | 808579 |
| | <i>Medialuna californiensis</i> | 807227 | Cichlidae | |
| | | 807228 | <i>Tilapia melanopleura</i> | 805198 |
| | Pomacentridae | | <i>Tilapia mossambica</i> | 806934 |
| | <i>Chromis punctipinnis</i> | 807227 | Sciaenidae | |
| | 807228 | | <i>Pseudosciaena coibor</i> | 808586 |
| | <i>Hypsypops rubicunda</i> | 807227 | Sparidae | |
| | | 807228 | <i>Lagodon rhomboides</i> | 808663 |
| | Serranidae | | <i>Rhabdosargus sarba</i> | 808579 |
| | <i>Paralabrax clathratus</i> | 807226 | Megalopidae | |
| | | 807227 | <i>Megalops atlantica</i> | 808186 |
| | | 807228 | Characidae | |
| | <i>Stereoalepis gigas</i> | 807227 | <i>Alestes dageti</i> | 805053 |
| | Cottidae | | <i>Alestes macrophthalmus</i> | 804392 |
| | <i>Scorpaenichthys marmoratus</i> | 807227 | Catostomidae | |
| | Cylopteridae | | <i>Catostomus platyrhynchus</i> | 807795 |
| | <i>Liparis mucosus</i> | 807227 | Cyprinidae | 804897 |
| | Hexagrammidae | | | 807333 |
| | <i>Ophiodon elongatus</i> | 807227 | <i>Barbus holubi</i> | 806966 |
| | <i>Oxylebius pictus</i> | 807227 | <i>Cirrhina mrigala</i> | 808593 |
| | | 807228 | | 805960 |
| | Senpaeidae | | <i>Ctenopharyngodon idella</i> | 806121 |
| | <i>Sebastes atrovirens</i> | 807227 | <i>Cyprinus carpio</i> | 807690 |
| | <i>Sebastes carnatus</i> | 807228 | <i>Labeo bata</i> | 805907 |
| | Atherinidae | | <i>Labeco calbasu</i> | 808593 |
| | <i>Atherinops affinis</i> | 807227 | <i>Labeco capensis</i> | 806121 |
| | | 807228 | <i>Labeco umbratus</i> | 806121 |
| | Muraenidae | | <i>Leuciscus cephalus</i> | 805344 |
| | <i>Gymnothorax mordax</i> | 807227 | | 808460 |
| | Gobiocichliformes | | <i>Scardinius erythrophthalmus</i> | 808354 |
| | <i>Gobiesox rhessodon</i> | 807227 | Clariidae | |
| | <i>Rimicola muscarum</i> | 807227 | <i>Clarias gariepinus</i> | 806121 |
| | As food for fish | | Ictaluridae | |
| | Coral reef | | <i>Ictalurus furcatus</i> | 808514 |
| | Teleostei | 805066 | <i>Ictalurus punctatus</i> | 808514 |

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| Pangasiidae | | Blenniidae | | Environmental factors |
| <i>Pangasius pangasius</i> | 808572 | <i>Blennius sanguinolentus</i> | 805466 | (continued) |
| Notopteridae | | <i>Coryphoblennius galerita</i> | 805466 | |
| <i>Notopterus chitala</i> | 806966 | Gobiidae | | |
| Biochemistry | | <i>Gobius melanostomus</i> | 805466 | |
| Cyprinidae | | Labridae | 805466 | |
| <i>Ctenopharyngodon idella</i> | 808439 | Mugiloidae | | |
| As shelter for fish | | <i>Liza auratus</i> | 805466 | |
| Cichlidae | | <i>Mugil cephalus</i> | 805466 | |
| <i>Tilapia mossambica</i> | 804049 | <i>Mugil saliens</i> | 805466 | |
| <i>Tilapia sparrmani</i> | 804049 | Mullidae | | |
| Description and occurrence | | <i>Mullus barbatus</i> | 805466 | |
| Cichlidae | | Sciaenidae | | |
| <i>Tilapia melanopleura</i> | 806049 | <i>Sciaena umbra</i> | 805466 | |
| <i>Tilapia mossambica</i> | 806049 | Serranidae | | |
| Young | | <i>Serranus scriba</i> | 805466 | |
| Cichlidae | | Sparidae | | |
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| <i>Tilapia mossambica</i> | 806049 | Scombridae | | |
| Attachment to fish | | <i>Scomber scombrus</i> | 805466 | |
| Cyprinidae | | Pleuronectidae | | |
| <i>Notropis stramineus</i> | 806820 | <i>Platichthys flesus</i> | 805466 | |
| <i>Semotilus atromaculatus</i> | 806820 | Scophthalmidae | | |
| Protozoa | | <i>Scophthalmus maeoticus</i> | 805466 | |
| As food for fish | | Soleidae | | |
| Gobiidae | | <i>Solea lascaris</i> | 805466 | |
| Mugiloidae | | Scorpaenidae | | |
| <i>Mugil brasiliensis</i> | 808189 | <i>Scorpaena porcus</i> | 805466 | |
| <i>Mugil curema</i> | 808189 | Clupeidae | | |
| <i>Mugil incilis</i> | 808189 | <i>Alosa kessleri</i> | 805466 | |
| Engraulidae | | Engraulidae | | |
| <i>Engraulis ringens</i> | 808386 | <i>Engraulis encrasicolus</i> | 805466 | |
| Young | | Gadidae | | |
| Cyprinidae | | <i>Gaidropsarus mediterraneus</i> | 805466 | |
| <i>Hypophthalmichthys molitrix</i> | 807653 | <i>Odontogadus merlangus</i> | 805466 | |
| Distribution of infection | | Ophidiidae | | |
| Prophylactic treatment | | <i>Ophidion rochei</i> | 805466 | |
| Cyprinidae | | Incidence of infection | | |
| <i>Aristichthys nobilis</i> | 808235 | Gasterosteidae | | |
| <i>Ctenopharyngodon idella</i> | 808235 | <i>Gasterosteus aculeatus</i> | 805965 | |
| <i>Hypophthalmichthys molitrix</i> | 808235 | Serranidae | | |
| Host parasite interactions | | <i>Morone saxatilis</i> | 806671 | |
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| Teleostei | 806605 | Gasterosteidae | | |
| Sarcodina | | <i>Gasterosteus aculeatus</i> | 805979 | |
| As food for fish | | Host parasite interactions | | |
| Blenniidae | | Pleuronectidae | | |
| Gobiidae | 805656 | <i>Pleuronectes platessa</i> | 805971 | |
| <i>Rhinogobius pflaumi</i> | 805205 | Host specificity | | |
| <i>Sagamia genionema</i> | 805205 | Cyprinidae | | |
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| Mastigophora | | <i>Hypophthalmichthys molitrix</i> | 807279 | |
| As commensal | | Host parasite interactions | | |
| Cyclopteridae | | Intensity of infection | | |
| <i>Cyclopterus lumpus</i> | 805712 | Serranidae | | |
| As parasite | | <i>Morone saxatilis</i> | 806649 | |
| Cottidae | | Treatment for disease | | |
| <i>Cottus gobio</i> | 804123 | Teleostei | | |
| Distribution of infection | | Kyphosidae | 805667 | |
| Pleuronectidae | | <i>Girella nigricans</i> | 805667 | |
| <i>Platichthys flesus</i> | 805466 | Gasterosteidae | | |
| Scorpaenidae | | <i>Gasterosteus aculeatus</i> | 805419 | |
| <i>Scorpaena porcus</i> | 805466 | Percidae | | |
| Gadidae | | <i>Gymnocephalus cernua</i> | 805419 | |
| <i>Odontogadus merlangus</i> | 805466 | <i>Perca fluviatilis</i> | 805419 | |
| Incidence of infection | | Cyprinidae | 805419 | |
| Teleostei | 806617 | Gadidae | | |
| Zoaridae | | <i>Lota lota</i> | 805419 | |
| <i>Rhigophila dearborni</i> | 804452 | Esocidae | | |
| Parasite life history | | <i>Esox lucius</i> | 805419 | |
| Cottidae | | Salmonidae | | |
| <i>Cottus bulosus</i> | 804044 | <i>Salmo gairdneri</i> | 805419 | |
| <i>Cottus rhotheus</i> | 804044 | Parasite systematics | | |
| Host parasite interactions | 804501 | Rajidae | 806823 | |
| Cichlidae | | Teleostei | 804882 | |
| <i>Pterophyllum</i> | 805853 | Gasterosteidae | | |
| <i>Symphysodon</i> | 805853 | <i>Gasterosteus aculeatus</i> | 804882 | |
| Ciliata | | <i>Pungitius pungitius</i> | 804882 | |
| As parasite | | Anarhichadidae | 804882 | |
| Teleostei | | Pholididae | | |
| Gasterosteidae | 805712 | <i>Pholis gunnellus</i> | 804882 | |
| <i>Gasterosteus aculeatus</i> | 804123 | Stichaeidae | | |
| <i>Pungitius pungitius</i> | 804123 | <i>Ulvaria subbifurcata</i> | 804882 | |
| Scorpaenidae | | Labridae | | |
| <i>Sebastes marinus</i> | 805712 | <i>Tautoglabrus adspersus</i> | 804882 | |
| Cyprinidae | 804123 | Cichlidae | | |
| Esocidae | | <i>Cichlasoma feneistratum</i> | 804043 | |
| <i>Esox lucius</i> | 804123 | Percidae | | |
| Distribution of infection | | <i>Stizostedion lucioperca</i> | 808919 | |
| Syngnathidae | | Stromateidae | | |
| <i>Syngnathus nigrolineatus</i> | 805466 | <i>Peprilus triacanthus</i> | 804882 | |
| <i>Syngnathus typhle</i> | 805466 | Pleuronectidae | 804882 | |

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| Environmental factors (continued) | Scophthalmidae | | Cyprinidae | |
| | <i>Cyprinus carpio</i> | 804882 | <i>Cyprinus carpio</i> | 805200 |
| | Agonidae | | Biochemistry | |
| | <i>Agonus decagonus</i> | 804882 | Cyprinidae | |
| | <i>Aspidophoroides monopterygius</i> | 804882 | <i>Cyprinus carpio</i> | 805200 |
| | Cottidae | 804882 | Experimental analysis | |
| | Cyclopteridae | | Cyprinidae | |
| | <i>Cyclopterus lumpus</i> | 804882 | <i>Cyprinus carpio</i> | 805201 |
| | <i>Eumicrotremus spinosus</i> | 804882 | Parasite systematics | |
| | Scorpaenidae | | Teleostei | 807385 |
| | <i>Sebastes marinus</i> | 804882 | Host specificity | |
| | Atherinidae | | Cyprinidae | |
| | <i>Austrotherina incisa</i> | 806823 | <i>Ctenopharyngodon idella</i> | 807279 |
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| | <i>Fundulus heteroclitus</i> | 804882 | <i>Hypophthalmichthys molitrix</i> | 807279 |
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| | <i>Clupeonella delicatula</i> | 808919 | Cottidae | |
| | Cyprinidae | 808919 | <i>Myoxocephalus octodecemspinosus</i> | 807412 |
| | Gadidae | 804882 | Cyclopteridae | |
| | Macrouridae | | <i>Liparis atlanticus</i> | 807412 |
| | <i>Macrourus berglax</i> | 804882 | Gadidae | |
| | Zoaridae | | <i>Gadus morhua</i> | 807412 |
| | <i>Lycodes reticulatus</i> | 804882 | Parasite systematics | |
| | <i>Lycodes vahl</i> | 804882 | Squalidae | |
| | <i>Macrozoarces americanus</i> | 804882 | <i>Squalus acanthias</i> | 807412 |
| | Lophiidae | | Cottidae | |
| | <i>Lophius americanus</i> | 804882 | <i>Cottus sibiricus</i> | 807254 |
| | Osmeridae | | Gadidae | 807412 |
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| | <i>Osmerus mordax</i> | 804882 | Parasite life history | |
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| | Rajidae | 804882 | | 803988 |
| | Squalidae | | Parasite systematics | |
| | <i>Squalus acanthias</i> | 804882 | Siluridae | |
| | Teleostei | 804882 | <i>Silurus glanis</i> | 805915 |
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| | Teleostei | 806070 | <i>Glossogobius giuris</i> | 805497 |
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| | Gadidae | | <i>Macragnathus aculeatus</i> | 805497 |
| | <i>Gadus morhua</i> | 805712 | <i>Mastacembelus armatus</i> | 805497 |
| | Distribution of infection | | Cichlidae | |
| | Gobiidae | | <i>Etioplos maculatus</i> | 805497 |
| | <i>Gobius batrachocephalus</i> | 805466 | Cyprinidae | 805497 |
| | Labridae | 805466 | Psilorhynchidae | |
| | Scorpaenidae | | <i>Psilorhynchus balitora</i> | 805497 |
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| | Clupeidae | | <i>Macrones aor</i> | 805497 |
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| | <i>Sprattus sprattus</i> | 805466 | <i>Mystus bleckeri</i> | 805497 |
| | Engraulidae | | Clariidae | |
| | <i>Engraulis encrasicolus</i> | 805466 | <i>Clarias batrachus</i> | 805497 |
| | Prophylactic treatment | | Notopteridae | |
| | Cyprinidae | | <i>Notopterus notopterus</i> | 805497 |
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| | <i>Hypophthalmichthys molitrix</i> | 808235 | Ultrastructure | |
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| | Pholididae | | <i>Serrasalmus</i> | 806513 |
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| | Nottheniidae | 804452 | As food for fish | |
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| | <i>Hippoglossoides platessoides</i> | 807412 | Gobiidae | |
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| | Tetraodontidae | | <i>Gobiosoma louisae</i> | 805876 |
| | <i>Sphocroides maculatus</i> | 807412 | <i>Pariah scotius</i> | 805402 |
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| | <i>Fundulus majalis</i> | 807412 | Serranidae | |
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| | <i>Macrozoarces americanus</i> | 807412 | Coelenterata | |
| | Host parasite interactions | | As food for fish | |
| | Cyprinidae | | Blenniidae | 805656 |
| | <i>Leuciscus idus</i> | 804777 | Clinidae | |
| | Parasite life history | | <i>Labrisomus xanti</i> | 808465 |
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| Ephippidae | | Pomatotidae | | |
| <i>Chaetodipterus faber</i> | 807872 | <i>Pomatomus saltatrix</i> | 805473 | |
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| <i>Pomacentrus rectifraenum</i> | 808465 | <i>Boops boops</i> | 805473 | |
| Pomadasysidae | | <i>Pagrosomus</i> | 805537 | |
| <i>Anisotremus interruptus</i> | 808465 | <i>Pagrus pagrus</i> | 805473 | |
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| <i>Peprilus burti</i> | 807872 | <i>Sphyracna</i> | 805537 | |
| Pleuronectiformes | 804972 | <i>Sphyracna barracuda</i> | 805473 | |
| Pleuronectidae | | Bothidae | | |
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| <i>Hippoglossus hippoglossus</i> | 805331 | Scorpaenidae | | |
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| Mycetophidae | 805924 | <i>Peristedion cataphractum</i> | 805489 | |
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| Balistidae | | Tetraodontidae | 805537 | |
| <i>Aluterus scriptus</i> | 805434 | Zeidae | | |
| As shelter for fish | | <i>Zeus</i> | 805537 | |
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| Labridae | | Clupeidae | | |
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| <i>Chloroscombrus chrysurus</i> | 807872 | <i>Anguilla anguilla</i> | 809002 | |
| Stromateidae | | Congridae | | |
| <i>Peprilus alepidotus</i> | 807872 | <i>Astroconger</i> | 805537 | |
| <i>Peprilus burti</i> | 807872 | Cyprinidae | 806667 | |
| As symbiont of fish | | | 806904 | |
| Pomacentridae | | | 809002 | |
| <i>Amphiprion</i> | 804964 | Siluridae | | |
| <i>Amphiprion sebae</i> | 805784 | <i>Silurus glanis</i> | 809002 | |
| <i>Premnas</i> | 804964 | Gadidae | | |
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| <i>Amphiprion bicinctus</i> | 806830 | <i>Merluccius merluccius</i> | 805473 | |
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| Pomacentridae | | 809002 | | |
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| <i>Dascyllus trimaculatus</i> | 806830 | <i>Sauridab</i> | 805537 | |
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| <i>Anchoa mitchilli</i> | 807872 | Cyprinidae | | |
| Aridae | | <i>Aristichthys nobilis</i> | 808235 | |
| <i>Arius felis</i> | 807872 | <i>Ctenopharyngodon idella</i> | 808235 | |
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| As food for fish | | Rajidae | | |
| Macrouridae | | <i>Raja radiata</i> | 807391 | |
| <i>Macrourus rupestris</i> | 808129 | Squalidae | | |
| Trematoda | | <i>Squalus acanthias</i> | 807391 | |
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| Argentinidae | | <i>Polypterus senegalus</i> | 804080 | |
| <i>Argentina silus</i> | 803588 | Gasterosteidae | | |
| 803594 | | <i>Gasterosteus aculeatus</i> | 807495 | |
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| Argentinidae | | <i>Syngnathus crissolineatus</i> | 807495 | |
| <i>Argentina silus</i> | 803594 | Ammodytidae | | |
| Monogenea | | <i>Ammodytes hexapterus</i> | 807495 | |
| Seasonal changes | | Pholididae | | |
| Incidence of infection | | <i>Pholis ornata</i> | 807495 | |
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| <i>Vimba vimba</i> | 807046 | <i>Lepomis</i> | 805611 | |
| Intensity of infection | | Cichlidae | | |
| Cyprinidae | | <i>Etroplus suratensis</i> | 806758 | |
| <i>Vimba vimba</i> | 807046 | Embiotocidae | | |
| Distribution of infection | | <i>Cymatogaster aggregata</i> | 807495 | |
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| Gasterosteidae | | <i>Acerina schraetser</i> | 804471 | |
| <i>Gasterosteus aculeatus</i> | 806667 | <i>Aspro streber</i> | 804471 | |
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| Siganidae | | Serranidae | 803979 | |
| <i>Siganus</i> | 805537 | Sillaginidae | | |
| Aplodactylidae | | <i>Sillago ciliata</i> | 803979 | |
| <i>Goniistius</i> | 805537 | Sphyracenoidei | | |
| Carangidae | | <i>Sphyracna obtusata</i> | 803979 | |
| <i>Trachurus</i> | 805537 | Pleuronectidae | | |
| Centrarchidae | | <i>Platichthys stellatus</i> | 807495 | |
| <i>Micropterus salmoides</i> | 805957 | Cottidae | 807495 | |
| Echeneidae | | Clupeidae | | |
| <i>Echeneis naucrates</i> | 805473 | <i>Clupea harengus</i> | 807495 | |
| Percidae | 806904 | Cyprinidae | | |
| | 809002 | <i>Barbus lacerta</i> | 807267 | |
| | | <i>Cirrhinna mrigala</i> | 806758 | |

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|--------------------------------------|----------------------------------|--------|------------------------------------|--------|
| Environmental factors (continued) | Siluridae | | Clupeidae | |
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| Monogenea | <i>Wallagonia attu</i> | 806758 | Cyprinidae | |
| | Salmonidae | | <i>Cyprinus carpio</i> | 808701 |
| | <i>Thymallus arcticus</i> | 806450 | Gadidae | |
| | Change with age | | <i>Lophycis regius</i> | 804362 |
| | Gasterosteidae | | Salmonidae | |
| | <i>Gasterosteus aculeatus</i> | 805979 | <i>Salmo trutta</i> | 804944 |
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| | Gasterosteidae | | Emmelichthyidae | 806428 |
| | <i>Gasterosteus aculeatus</i> | 805965 | Sciaenidae | 806428 |
| | Catostomidae | | Serranidae | |
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| | Cyprinidae | | <i>Serranus cabrilla</i> | 806428 |
| | <i>Phoxinus phoxinus</i> | 808216 | Sparidae | 806428 |
| | Distribution of infection | | Host specificity | |
| | Gadidae | | Gasterosteidae | |
| | <i>Merlangius merlangus</i> | 804959 | <i>Gasterosteus aculeatus</i> | 804123 |
| | Salmonidae | | <i>Pungitius pungitius</i> | 804123 |
| | <i>Salmo salar</i> | 807917 | Percidae | |
| | Intensity of infection | | <i>Perca fluviatilis</i> | 804123 |
| | Carangidae | | Cyprinidae | 804123 |
| | <i>Trachurus trachurus</i> | 805468 | Esocidae | |
| | Percidae | | <i>Esox lucius</i> | 804123 |
| | <i>Perca fluviatilis</i> | 803827 | Salmonidae | 804123 |
| | Hexagrammidae | 807495 | Treatment for disease | |
| | Scorpaenidae | 807495 | Cyprinidae | |
| | Cyprinidae | | <i>Ctenopharyngodon idella</i> | 807279 |
| | <i>Abramis brama</i> | 803827 | <i>Cyprinus carpio</i> | 807279 |
| | <i>Rutilus rutilus</i> | 803827 | <i>Hypophthalmichthys molitrix</i> | 807279 |
| | Gadidae | | Host parasite interactions | |
| | <i>Merlangius merlangus</i> | 804959 | Polypteromorpha | |
| | Esocidae | | <i>Polypterus senegalus</i> | 804080 |
| | <i>Esox lucius</i> | 803827 | Carangidae | |
| | Parasite systematics | | <i>Trachinotus carolinus</i> | 807034 |
| | Scombridae | | Emmelichthyidae | |
| | <i>Thunnus albacares</i> | 804226 | <i>Spicara chryselis</i> | 806428 |
| | Intensity of infection | | Sciaenidae | |
| | Ultrastructure | | <i>Johnius umbrs</i> | 806428 |
| | Gasterosteidae | | Sparidae | |
| | <i>Gasterosteus aculeatus</i> | 804094 | <i>Chrysophrys auratus</i> | 806428 |
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| | <i>Lepomis macrochirus</i> | 804094 | <i>Catostomus catostomus</i> | 807397 |
| | Seasonal changes | | <i>Catostomus commersoni</i> | 807397 |
| | Percidae | | Experimental analysis | |
| | <i>Perca fluviatilis</i> | 807394 | Siluridae | |
| | Cyprinidae | | <i>Silurus glanis</i> | 808206 |
| | <i>Phoxinus phoxinus</i> | 808216 | Salmonidae | |
| | Sciaenidae | | <i>Salmo trutta</i> | 804944 |
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| | Host parasite interactions | | Telostei | 806604 |
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| | <i>Chaetodon collar</i> | 804883 | Temperature | |
| | Bagridae | | Cyprinidae | |
| | <i>Leiocassis siamensis</i> | 804883 | <i>Carassius auratus</i> | 803847 |
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| | <i>Ictalurus punctatus</i> | 808512 | Host specificity | |
| | Prophylactic treatment | | Polypteromorpha | |
| | Experimental analysis | | <i>Polypterus bichir</i> | 805615 |
| | Siluridae | | <i>Polypterus senegalus</i> | 805615 |
| | <i>Silurus glanis</i> | 808206 | Serranidae | |
| | Parasite life history | 804377 | <i>Morone americana</i> | 806512 |
| | Dasyatidae | | Host and parasite phylogeny | |
| | <i>Dasyatis americana</i> | 804362 | Mochokidae | 804085 |
| | <i>Dasyatis sayi</i> | 804362 | Mormyridae | 804085 |
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| | <i>Raja clavata</i> | 804457 | Gadidae | 807411 |
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| | <i>Gasterosteus aculeatus</i> | 804457 | <i>Coryphaenoides rupestris</i> | 807411 |
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| | Sciaenidae | 804362 | Gasterosteidae | |
| | Sparidae | | <i>Gasterosteus aculeatus</i> | 804757 |
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| | Sphyraenidae | | Anabantidae | |
| | <i>Sphyraena obtusata</i> | 803979 | <i>Ctenopoma kingsleyae</i> | 804455 |
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| | <i>Peprilus triacanthus</i> | 804362 | Helostomatidae | |
| | Soleidae | | <i>Helostoma rudolfi</i> | 804008 |
| | <i>Solea solea</i> | 804456 | Gobiidae | |
| | Belontiidae | 804457 | <i>Awaous guineensis</i> | 805052 |
| | <i>Strongylura marna</i> | 804362 | Labridae | |
| | Exocoetidae | | <i>Bodianus pulchellus</i> | 804823 |
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| | | | <i>Mastacembelus armatus</i> | 806758 |

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| Centrarchidae | | <i>Pagrus pagrus</i> | | | |
| <i>Ambloplites rupestris</i> | 803548 | Clupeidae | | 808355 | Digenea |
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| Cyprinidae | 803777 | Goniistius | | 805537 | |
| <i>Carassius auratus</i> | 805052 | Carangidae | | | |
| <i>Cyprinus carpio</i> | 806891 | <i>Trachurus</i> | | 805537 | |
| <i>Hesperoleucis</i> | 805916 | Echeneidae | | | |
| Amphiliidae | 804823 | <i>Echeneis naucrates</i> | | 805473 | |
| <i>Amphilius ateuensis</i> | 805052 | Mullidae | | | |
| Ariidae | | <i>Pseudupeneus cyclostomus</i> | | 805473 | |
| <i>Galeichthys seemani</i> | 808142 | Percidae | | 806904 | |
| Bagridae | 805052 | Pomadasyidae | | | |
| <i>Mystus aor</i> | 806758 | <i>Otoperca aurita</i> | | 805473 | |
| Clariidae | 805052 | <i>Parapristipoma</i> | | 805537 | |
| Ictaluridae | | Pomatomidae | | | |
| <i>Ictalurus punctatus</i> | 803546 | <i>Pomatomus saltatrix</i> | | 805473 | |
| Malapteruridae | | Sparidae | | | |
| <i>Malapterurus electricus</i> | 805052 | <i>Boops boops</i> | | 805473 | |
| Mochokidae | 805052 | <i>Pagrosomus</i> | | 805537 | |
| Pimelodontidae | | <i>Pagrus pagrus</i> | | 805473 | |
| <i>Phractocephalus hemiliopterus</i> | 804008 | <i>Sparus heterodus</i> | | 805473 | |
| <i>Rhamdia</i> | 804008 | Scombridae | | | |
| <i>Sorubim lima</i> | 804008 | <i>Sarda sarda</i> | | 805473 | |
| Schilbeidae | 805052 | <i>Scomber colias</i> | | 805489 | |
| Siluridae | | Trichiuridae | | | |
| <i>Wallagonia attu</i> | 806611 | <i>Trichiurus</i> | | 805537 | |
| Mormyridae | 805052 | Sphyranoidei | | | |
| <i>Gnathonemus petersi</i> | 804008 | <i>Sphyracna</i> | | 805537 | |
| Osteoglossidae | | Centrolophidae | | | |
| <i>Heterotis niloticus</i> | 805052 | <i>Hyperoglyphe pringlei</i> | | 805473 | |
| Macrouridae | | Bothidae | | | |
| <i>Fuyangia filifera</i> | 804493 | <i>Paralichthys</i> | | 805537 | |
| <i>Fuyangia pectoralis</i> | 804493 | Pleuronectidae | | | |
| <i>Hemimacrus acrolepis</i> | 804493 | <i>Hippoglossoides platessoides</i> | | 805489 | |
| Moridae | | <i>Limanda ferruginea</i> | | 805489 | |
| <i>Antimora rostrata</i> | 804493 | Cottidae | | | |
| Amblyopsidae | | <i>Cottus gobio</i> | | 806904 | |
| <i>Chologaster agassizi</i> | 804440 | Scorpaenidae | | | |
| <i>Chologaster cornuta</i> | 804440 | <i>Sebastiscus</i> | | 805537 | |
| Change with age | | Triglidae | | | |
| Belonidae | | <i>Peristedion cataphractum</i> | | 805489 | |
| <i>Tylosurus leiurus</i> | 808931 | <i>Trigla capensis</i> | | 805473 | |
| Intensity of infection | | <i>Trigla cuculus</i> | | 805489 | |
| Chimaeromorpha | | Tetraodontidae | | 805537 | |
| <i>Callorhynchus capensis</i> | 808355 | <i>Liosaccus cutaneus</i> | | 805489 | |
| | | Zeidae | | | |
| | | <i>Zeus</i> | | 805537 | |
| | | <i>Zeus faber</i> | | 805473 | |
| | | Exocoetidae | | 805537 | |
| | | Clupeidae | | | |
| | | <i>Sardinella aurita</i> | | 805473 | |
| | | <i>Sardinops ocellata</i> | | 805473 | |

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| Environmental factors (continued) | Engraulidae | | <i>Pungitius pungitius</i> | 809053 |
| | <i>Engraulis japonicus</i> | 805473 | Percidae | |
| Digenea | Congridae | | <i>Perca flavescens</i> | 807394 |
| | <i>Astroconger</i> | 805537 | <i>Perca fluviatilis</i> | 806657 |
| | Cobitidae | 806904 | | 806658 |
| | Cyprinidae | 808235 | Cyprinodontidae | |
| | <i>Aristichthys nobilis</i> | 808235 | <i>Epiplatys bifasciatus</i> | 808275 |
| | <i>Ctenopharyngodon idella</i> | 808235 | Anguillidae | |
| | <i>Hypophthalmichthys molitrix</i> | 808235 | <i>Anguilla anguilla</i> | 809053 |
| | Gadidae | | | 806657 |
| | <i>Lota lota</i> | 806904 | Cyprinidae | 806658 |
| | Macrouridae | | Esocidae | |
| | <i>Coelorrhynchus fasnatus</i> | 805473 | <i>Esox lucius</i> | 806657 |
| | Merlucciidae | | | 806658 |
| | <i>Merluccius merluccius</i> | 805473 | Intensity of infection | |
| | Lophidae | | Aulorhynchidae | |
| | <i>Lophius piscatorius</i> | 805473 | <i>Aulorhynchus flavidus</i> | 807495 |
| | Esocidae | | Gasterosteidae | |
| | <i>Esox lucius</i> | 806904 | <i>Gasterosteus aculeatus</i> | 804752 |
| | Synodontidae | | | 807495 |
| | <i>Sauridab</i> | 805537 | Syngnathidae | |
| | Salmonidae | 806904 | <i>Syngnathus criscolelineatus</i> | 807495 |
| | <i>Salmo salar</i> | 807917 | Ammodytidae | |
| | Incidence of infection | | <i>Ammodytes hexapterus</i> | 807495 |
| | <i>Raja radiata</i> | 807391 | Belontiidae | |
| | Squalidae | | <i>Trichogaster fasciatus</i> | 805908 |
| | <i>Squalus acanthias</i> | 807391 | Pholididae | |
| | Polypteromorpha | | <i>Pholis laeta</i> | 807495 |
| | <i>Polypterus bichir</i> | 804080 | <i>Pholis ornata</i> | 807495 |
| | Teleostei | 805934 | Gobiidae | |
| | Gasterosteidae | | <i>Coryphopterus nicholsi</i> | 807495 |
| | <i>Gasterosteus aculeatus</i> | 804760 | Mugiloidae | |
| | Syngnathidae | 805934 | <i>Mugil cephalus</i> | 807322 |
| | Labridae | 805934 | Carangidae | |
| | Carangidae | 805934 | <i>Trachurus trachurus</i> | 805468 |
| | <i>Trachinotus goreensis</i> | 805934 | Embiotocidae | |
| | Centrarchidae | | <i>Brachyistius frenatus</i> | 807495 |
| | <i>Lepomis</i> | 805611 | <i>Cymatogaster aggregata</i> | 807495 |
| | Cichlidae | 804080 | Nandidae | |
| | <i>Symphysodon</i> | 805853 | <i>Nandus nandus</i> | 805908 |
| | Lutjanidae | 805934 | Percidae | |
| | Peridae | | <i>Perca fluviatilis</i> | 803827 |
| | <i>Stizostedion canadense</i> | 804525 | | 806657 |
| | Pomadasysidae | 805934 | | 806658 |
| | <i>Pomadasys jubelini</i> | 805934 | Scombridae | |
| | Serranidae | | <i>Scomber colias</i> | 805472 |
| | Scombridae | | Bathymasteridae | |
| | <i>Scomber japonicus</i> | 808731 | <i>Ronquilus jordani</i> | 807495 |
| | Cottidae | 802547 | Bothidae | |
| | <i>Cottus beldingi</i> | 808721 | <i>Citharichthys stigmaeus</i> | 807495 |
| | <i>Hemilepidotus hemilepidotus</i> | 807390 | Pleuronectidae | |
| | Tetraodontidae | | <i>Lepidopsetta bilineata</i> | 807495 |
| | <i>Tetraodon lineatus</i> | 804080 | <i>Parophrys vetulus</i> | 807495 |
| | Cyprinodontidae | | <i>Platichthys stellatus</i> | 807495 |
| | <i>Fundulus kansae</i> | 807834 | Agonidae | |
| | Ophichthidae | | <i>Agonus acipenserinus</i> | 807495 |
| | <i>Ophichthus semicinctus</i> | 803977 | Cottidae | |
| | Citharidae | | Hexagrammidae | |
| | <i>Citharus citharus</i> | 804080 | Scorpaenidae | |
| | Cyprinidae | | <i>Sebastes marmoratus</i> | 805538 |
| | <i>Blicca bjoerkna</i> | 804444 | Clupeidae | |
| | <i>Oxygaster bacula</i> | 804444 | <i>Clupea harengus</i> | 807495 |
| | <i>Phoxinus phoxinus</i> | 804444 | Engraulidae | |
| | Bagridae | | <i>Engraulis encrasicolus</i> | 807765 |
| | <i>Myxus vittatus</i> | 804444 | <i>Stolephorus commersoni</i> | 808932 |
| | Clariidae | | Catostomidae | |
| | <i>Clarias batrachus</i> | 804444 | <i>Catostomus clarki</i> | 804824 |
| | <i>Clarias lazera</i> | 804444 | <i>Catostomus insignis</i> | 806657 |
| | Heteropneustidae | | Cyprinidae | |
| | <i>Heteropneustes fossilis</i> | 807140 | <i>Abramis brama</i> | 803827 |
| | Ictaluridae | 806642 | <i>Rutilus rutilus</i> | 803827 |
| | Malapteruridae | | Batrachoidiformes | |
| | <i>Malapterurus electricus</i> | 804080 | <i>Ponichthys notatus</i> | 807495 |
| | Mochokidae | 804080 | Gadidae | |
| | Sisoridae | | <i>Gadus macrocephalus</i> | 807495 |
| | <i>Erethistes eptaxia</i> | 805355 | <i>Pollachius pollachius</i> | 805065 |
| | <i>Nanogobius viridescens</i> | 805355 | <i>Pollachius virens</i> | 807495 |
| | Gymnarchidae | | <i>Theragra chalcogramma</i> | |
| | <i>Gymnarchus niloticus</i> | 804080 | Merlucciidae | |
| | Salmonidae | | <i>Merluccius hubbsi</i> | 805100 |
| | <i>Thymallus arcticus</i> | 806450 | Zoaridae | |
| | Fry | | <i>Aprodon corteziensis</i> | 807495 |
| | <i>Mugiloides</i> | | Esocidae | |
| | <i>Mugil cephalus</i> | 807322 | <i>Esox lucius</i> | 803827 |
| | Change with age | | | 806657 |
| | Gasterosteidae | | | 806658 |
| | <i>Gasterosteus aculeatus</i> | 805979 | Osmeridae | |
| | Carangidae | | <i>Thaleichthys pacificus</i> | 807495 |
| | <i>Trachurus mediterraneus</i> | 805467 | Salmonidae | |
| | Seasonal changes | | <i>Salmo trutta</i> | 807893 |
| | Gasterosteidae | | | |
| | <i>Gasterosteus aculeatus</i> | 805465 | | |
| | | 806053 | | |

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|--------------------------------|--------|--|-----------------------------------|--------|-----------------------|--|
| Parasite life history | | | Tetraodontidae | | | |
| Chaeniformes | | | <i>Tetraodon fahaka</i> | 804080 | Environmental factors | |
| <i>Channa punctatus</i> | 805568 | | Atherinidae | | (continued) | |
| Belontiidae | | | <i>Basilichthys bonariensis</i> | 804172 | | |
| <i>Trichogaster fasciatus</i> | 805908 | | Clupeidae | 808932 | | |
| Nandidae | | | Citharinidae | | Digenea | |
| <i>Nandus nandus</i> | 805908 | | <i>Citharus citharus</i> | 804080 | | |
| Catostomidae | | | Cyprinidae | 804080 | | |
| <i>Catostomus clarki</i> | 804824 | | Siluriformes | 803345 | | |
| <i>Catostomus insignis</i> | 804824 | | Bagridae | 804361 | | |
| Cyprinidae | 807266 | | Clariidae | 804080 | | |
| <i>Abramis brama</i> | 804961 | | <i>Clarias lazera</i> | 804080 | | |
| <i>Abramis brama X</i> | | | Malapteruridae | | | |
| <i>Rutilus rutilus X</i> | 804961 | | <i>Malapterurus electricus</i> | 804080 | | |
| <i>Barbus lacerta</i> | 807267 | | Mochokidae | 804080 | | |
| Cyprinus | 807267 | | Gymnarchidae | | | |
| <i>Leuciscus cephalus</i> | 807267 | | <i>Gymnarchus niloticus</i> | 804080 | | |
| <i>Rutilus rutilus</i> | 804961 | | Myctophidae | | | |
| <i>Rutilus rutilus X</i> | | | <i>Myctophum punctatum</i> | 805471 | | |
| <i>Abramis brama X</i> | 804961 | | Ultrastructure | | | |
| Salmonidae | | | Cyprinidae | | | |
| <i>Oncorhynchus gorbusha</i> | 807392 | | <i>Phoxinus phoxinus</i> | 803986 | | |
| Host specificity | | | Experimental analysis | | | |
| Salmonidae | | | Cyprinodontidae | | | |
| <i>Oncorhynchus gorbusha</i> | 807495 | | <i>Cyprinodon variegatus</i> | 807089 | | |
| Host parasite interactions | | | <i>Jordanella floridae</i> | 807089 | | |
| Gasterosteidae | | | Poeciliidae | | | |
| <i>Gasterosteus aculeatus</i> | 805965 | | <i>Poecilia reticulata</i> | 806570 | | |
| Mugiloidae | | | <i>Poecilia spheonops</i> | 806570 | | |
| <i>Aldrichetta forsteri</i> | 804459 | | Salmonidae | | | |
| Carangidae | | | <i>Oncorhynchus gorbusha</i> | 807400 | | |
| <i>Trachurus mediterraneus</i> | 805467 | | <i>Oncorhynchus keta</i> | 807400 | | |
| Mullidae | 805551 | | Change with age | | | |
| Scombridae | | | Argentinidae | | | |
| <i>Thunnus albacares</i> | 804226 | | <i>Argentina silus</i> | 807399 | | |
| Catostomidae | | | Incidence of infection | | | |
| <i>Ictiobus bubalus</i> | 804438 | | Ictaluridae | | | |
| <i>Ictiobus cyprinellus</i> | 804438 | | <i>Ictalurus melas</i> | 809026 | | |
| <i>Ictiobus niger</i> | 804438 | | Argentinidae | | | |
| Cyprinidae | | | <i>Argentina silus</i> | 807399 | | |
| <i>Abramis brama</i> | 804961 | | Salmonidae | | | |
| <i>Abramis brama X</i> | | | <i>Salmo trutta</i> | 804453 | | |
| <i>Rutilus rutilus X</i> | 804961 | | Intensity of infection | | | |
| <i>Rhinichthys atratulus</i> | 804093 | | Salmonidae | | | |
| <i>Rutilus rutilus</i> | 804961 | | <i>Salmo trutta</i> | 804453 | | |
| <i>Rutilus rutilus X</i> | | | Host parasite interactions | | | |
| <i>Abramis brama X</i> | 804961 | | Cyprinidae | | | |
| <i>Zacco temminckii</i> | 805536 | | <i>Phoxinus phoxinus</i> | 804326 | | |
| Host and parasite phylogeny | | | Salmonidae | | | |
| Merlucciidae | | | <i>Salmo trutta</i> | 804453 | | |
| <i>Merluccius hubbsi</i> | 805100 | | Host specificity | | | |
| Intensity of infection | | | Gasterosteidae | | | |
| Centrarchidae | 806642 | | <i>Gasterosteus aculeatus</i> | 804123 | | |
| Cottidae | 803547 | | Bathyrachonidae | | | |
| Muraenidae | | | <i>Parachannaichthys charcoti</i> | 805051 | | |
| <i>Muraena muraena</i> | 805638 | | Percidae | | | |
| Experimental analysis | | | <i>Perca fluviatilis</i> | 804123 | | |
| Salmonidae | | | Anguillidae | | | |
| <i>Salmo gairdneri</i> | 807773 | | <i>Anguilla anguilla</i> | 804123 | | |
| Change with age | 808535 | | Cyprinidae | 804123 | | |
| Ictaluridae | | | Esocidae | | | |
| <i>Ictalurus melas</i> | 807779 | | <i>Esox lucius</i> | 804123 | | |
| <i>Ictalurus punctatus</i> | 807779 | | Salmonidae | 804123 | | |
| Parasite life history | | | Experimental analysis | | | |
| Cyprinidae | | | Salmonidae | | | |
| <i>Ctenopharyngodon idella</i> | 808253 | | <i>Oncorhynchus kisutch</i> | 808526 | | |
| Host parasite interactions | | | Host parasite interactions | | | |
| Cyprinidae | | | Polypteromorpha | | | |
| <i>Ctenopharyngodon idella</i> | 808253 | | <i>Polypterus bichir</i> | 804080 | | |
| Salmonidae | | | Teleostei | 807395 | | |
| <i>Salmo gairdneri</i> | 807773 | | Centrarchidae | 803767 | | |
| Treatment for disease | | | <i>Pomoxis annularis</i> | 803846 | | |
| Experimental analysis | | | Cichlidae | 804080 | | |
| Salmonidae | | | Mullidae | | | |
| <i>Salmo gairdneri</i> | 808535 | | <i>Mullus barbatus</i> | 805547 | | |
| Parasite life history | 804637 | | <i>Mullus surmuletus</i> | 805547 | | |
| Polypteromorpha | | | Serranidae | | | |
| <i>Polypterus bichir</i> | 804080 | | <i>Morone saxatilis</i> | 806671 | | |
| Teleostei | 804325 | | <i>Percichthys</i> | 807387 | | |
| | 805698 | | Soleidae | | | |
| Carangidae | | | <i>Synaptura lusitana</i> | 803977 | | |
| <i>Nauclates ductor</i> | 805471 | | Tetraodontidae | | | |
| Centrarchidae | 803767 | | <i>Tetraodon fahaka</i> | 804080 | | |
| Cichlidae | 804080 | | Atherinidae | | | |
| Emmelichthyidae | | | <i>Basilichthys</i> | 807387 | | |
| <i>Spicara smar</i> | 805471 | | Cyprinodontidae | 807089 | | |
| Percidae | | | Poeciliidae | 807089 | | |
| <i>Stizostedion lucioperca</i> | 804211 | | Citharinidae | | | |
| Sparidae | | | <i>Citharus citharus</i> | 804080 | | |
| <i>Diplodus annularis</i> | 805471 | | Erythrinidae | | | |
| Triglidae | | | <i>Hoplias malabaricus</i> | 807387 | | |
| <i>Aspitrigla cuculus</i> | 805471 | | Cyprinidae | 804080 | | |
| | | | Bagridae | 804080 | | |

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| Environmental factors (continued) | Clariidae | | | <i>Coryphaena equiseti</i> | 807004 |
| | <i>Clarias lazera</i> | 804080 | | <i>Coryphaena hippurus</i> | 807004 |
| | Ictaluridae | | | Ephippidae | |
| Digenea | <i>Ictalurus punctatus</i> | 803846 | | <i>Chaetodipterus faber</i> | 807004 |
| | Malapteruridae | | | Gerreidae | 807004 |
| | <i>Malapterurus electricus</i> | 804080 | | Kyphosidae | |
| | Mochokidae | 804080 | | <i>Girella nigricans</i> | 807405 |
| | Gymnarchidae | | | Lethrinidae | |
| | <i>Gymnarchus niloticus</i> | 804080 | | <i>Lethrinus atlanticus</i> | 803977 |
| | Experimental analysis | | | Lutjanidae | |
| | Cyprinidae | 804325 | | <i>Lutjanus</i> | 803776 |
| | 806426 | | | <i>Lutjanus jocu</i> | 807004 |
| | <i>Cyprinus carpio</i> | 806660 | | Mullidae | 806417 |
| | Salmonidae | | | <i>Mullus barbatus</i> | 806760 |
| | <i>Salmo gairdneri</i> | 807087 | | Percidae | 806417 |
| | Coloration | | | <i>Gymnocephalus cernua</i> | 806261 |
| | Pleuronectidae | | | <i>Perca fluviatilis</i> | 806261 |
| | <i>Pleuronectes platessa</i> | 804331 | | <i>Stizostedion lucioperca</i> | 806939 |
| | Immunological reactions | | | | |
| | Centrarchidae | | | Pomadasyidae | |
| | <i>Lepomis macrochirus</i> | 807628 | | <i>Haemulon</i> | 807004 |
| | Distribution of infection | | | Pomatomidae | |
| | Serranidae | | | <i>Pomatomus saltatrix</i> | 804451 |
| | <i>Morone americana</i> | 806512 | | | 807004 |
| | Prophylactic treatment | | | Rachycentridae | |
| | Cyprinidae | | | <i>Rachycentron canadum</i> | 807004 |
| | <i>Cyprinus carpio</i> | 806660 | | Sciaenidae | |
| | Parasite life history | | | <i>Cynoscion nebulosus</i> | 804451 |
| | Sparidae | | | <i>Menticirrhus nasus</i> | 804864 |
| | <i>Boops salpa</i> | 805614 | | <i>Sciaenops ocellata</i> | 804451 |
| | Salmonidae | | | Serranidae | 807004 |
| | <i>Salmo gairdneri</i> | 807087 | | <i>Epinephelus</i> | 803776 |
| | Host specificity | | | <i>Morone americana</i> | 803522 |
| | Percidae | | | Sparidae | 806417 |
| | <i>Perca flavescens</i> | 806512 | | <i>Sargus annularis</i> | 806760 |
| | <i>Perca fluviatilis</i> | 806426 | | Theraponidae | |
| | Serranidae | | | <i>Therapon puta</i> | 804203 |
| | <i>Morone americana</i> | 806512 | | Scombridae | 806417 |
| | Cyprinidae | 806426 | | | 807004 |
| | Esocidae | | | <i>Euthynnus alletteratus</i> | 804451 |
| | <i>Esox lucius</i> | 806426 | | <i>Scomber scombrus</i> | 806760 |
| | Parasite systematics | | | <i>Scomberomorus cavalla</i> | 804451 |
| | Elassobranchii | 806760 | | <i>Scomberomorus maculatus</i> | 804451 |
| | Rhinobatidae | | | Trichiuridae | |
| | <i>Rhinobatos porcellus</i> | 807004 | | <i>Trichiurus lepturus</i> | 804451 |
| | Torpedinidae | | | | 807004 |
| | <i>Torpedo marmorata</i> | 806417 | | Xiphiidae | |
| | Squalomorpha | 806417 | | <i>Xiphias gladius</i> | 806417 |
| | Squatinae | | | Sphyracnoidei | |
| | <i>Squatina californica</i> | 807405 | | <i>Sphyracna barracuda</i> | 804451 |
| | Acipenseromorpha | | | Uranoscopidae | |
| | <i>Acipenser</i> | 806417 | | <i>Uranoscopus scaber</i> | 806417 |
| | Semionotomorpha | | | | 806760 |
| | <i>Lepisosteus spatula</i> | 804451 | | Pleuronectiformes | 806417 |
| | Teleostei | 806417 | | | |
| | | 806715 | | Bothidae | |
| | | 806760 | | <i>Paralichthys brasiliensis</i> | 807004 |
| | Channiformes | | | <i>Paralichthys lethostigma</i> | 804451 |
| | <i>Channa punctatus</i> | 806380 | | Cynoglossidae | 803977 |
| | <i>Channa striatus</i> | 806378 | | Pleuronectidae | |
| | <i>Ophicephalus punctatus</i> | 804131 | | <i>Platichthys flesus</i> | 806261 |
| | Gasterosteidae | | | Cottidae | 806417 |
| | <i>Gasterosteus aculeatus</i> | 806261 | | <i>Clinocottus analis</i> | 807405 |
| | <i>Pungitius pungitius</i> | 806261 | | <i>Myoxocephalus scorpius</i> | 806261 |
| | Syngnathidae | 806417 | | Scorpaenidae | 806417 |
| | Acanthundae | | | <i>Scorpaena plumieri</i> | 807004 |
| | <i>Naso</i> | 803776 | | Triglidae | 806417 |
| | <i>Naso annulatus</i> | 807388 | | <i>Trigla lyra</i> | 806760 |
| | Siganidae | | | Amphipnoidae | |
| | <i>Siganus</i> | 803776 | | <i>Amphipnopus cuchia</i> | 806183 |
| | Belontiidae | | | Tetraodontidae | 807004 |
| | <i>Trichogaster fasciatus</i> | 804131 | | <i>Sphaeroides formosus</i> | 804635 |
| | Anarhichadidae | 806417 | | Zeidae | 806417 |
| | Blenniidae | 806417 | | Atherinidae | 807004 |
| | <i>Blennius gattorugine</i> | 806760 | | Cyprinodontidae | |
| | Gobiidae | | | <i>Neofundulus paraguayensis</i> | 807387 |
| | <i>Guavina guavina</i> | 807004 | | Jenynsiidae | |
| | <i>Neogobius fluviatilis</i> | 806939 | | <i>Jenynsia lineata</i> | 807387 |
| | Labridae | 806417 | | | |
| | <i>Crenilabrus cinereus</i> | 806760 | | Belontiidae | |
| | <i>Crenilabrus tinca</i> | 806760 | | <i>Belone bellone</i> | 806261 |
| | Mastacembelidae | | | <i>Strongylura marina</i> | 804451 |
| | <i>Rhynchobdella aculeata</i> | 804131 | | <i>Xenentodon cancila</i> | 806380 |
| | Mugiloidae | | | | |
| | <i>Mugil cephalus</i> | 807388 | | Exocoetidae | |
| | <i>Mugil platanus</i> | 807004 | | <i>Cypselurus</i> | 806459 |
| | Apozonidae | | | <i>Parexocoetus brachypterus</i> | 806459 |
| | <i>Synagrops bella</i> | 804451 | | Clupeidae | |
| | Carangidae | 806261 | | <i>Alosa fallax</i> | 807004 |
| | | 807004 | | | 806261 |
| | Centropomidae | | | <i>Clupea harengus</i> | 806760 |
| | <i>Centropomus undecimalis</i> | 807004 | | <i>Sardina pilchardus</i> | 806760 |
| | Coryphaenidae | 806417 | | Engraulidae | 807004 |

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| Anguillidae | | Cestoda | | Environmental factors |
| <i>Anguilla anguilla</i> | 806417 | Lipid metabolism | | (continued) |
| | 806760 | Biochemistry | | |
| Congridae | | Carcharhinidae | | |
| <i>Conger conger</i> | 806261 | <i>Carcharhinus leucas</i> | 806615 | |
| | 806417 | <i>Galeocerdo cuvieri</i> | 806615 | Cestoda |
| | 806760 | Orectolobidae | | |
| Muraenidae | 806417 | <i>Ginglymostoma cirratum</i> | 806615 | |
| <i>Muraena</i> | 807004 | Seasonal changes | | |
| Ophichthidae | | Incidence of infection | | |
| <i>Pisodonophis</i> | 803977 | Anguillidae | | |
| Anostomidae | 807004 | <i>Anguilla anguilla</i> | 805122 | |
| Characidae | 807004 | Cyprinidae | | |
| Ctenoluciidae | | <i>Leuciscus leuciscus</i> | 805118 | |
| <i>Boulengerella cuvieri</i> | 807004 | <i>Vimba vimba</i> | 807046 | |
| Curimatidae | | Intensity of infection | | |
| <i>Curimata elegans</i> | 807004 | Cyprinidae | | |
| <i>Curimata platana</i> | 807004 | <i>Leuciscus leuciscus</i> | 805118 | |
| Erythrinidae | | <i>Vimba vimba</i> | 807046 | |
| <i>Hoplias malabaricus</i> | 807004 | Parasite life history | | |
| Prochilodontidae | | Cyprinidae | | |
| <i>Prochilodus lineatus</i> | 807004 | <i>Leuciscus leuciscus</i> | 805118 | |
| <i>Prochilodus platensis</i> | 807004 | Distribution of infection | | |
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| Cyprinidae | 806261 | <i>Callorhynchus capensis</i> | 805473 | |
| | 806417 | <i>Hariota raleighana</i> | 805473 | |
| | 806939 | Alopiidae | | |
| <i>Catla catla</i> | 806183 | <i>Alopias vulpinus</i> | 805473 | |
| Electrophoridae | | Carcharhinidae | | |
| <i>Electrophorus electricus</i> | 807004 | <i>Carcharhinus</i> | 805473 | |
| Gymnotidae | | <i>Prionace glauca</i> | 805473 | |
| <i>Gymnotus carapo</i> | 807387 | Acipenseromorpha | 806903 | |
| Agenciosidae | | Teleostei | 807077 | |
| <i>Agenciosus</i> | 807004 | Gasterosteidae | | |
| <i>Arius grandicassis</i> | 807004 | <i>Gasterosteus aculeatus</i> | 806904 | |
| Auchenipteridae | | <i>Pungitius</i> | 806904 | |
| <i>Glandium neivai</i> | 807004 | Mulidae | 805473 | |
| Bagridae | | Percidae | 806904 | |
| <i>Mystus seenghala</i> | 804131 | Sparidae | | |
| | 805629 | <i>Pagrus pagrus</i> | 805473 | |
| | 806183 | Sphyracnoidei | | |
| | 806928 | <i>Sphyracna barracuda</i> | 805473 | |
| <i>Mystus vittatus</i> | 805629 | Centrolophidae | | |
| | 806183 | <i>Hyperoglyphe pringlei</i> | 805473 | |
| <i>Rita rita</i> | 804131 | Pleuronectidae | | |
| | 806182 | <i>Pleuronectes</i> | 806904 | |
| | 806183 | Cottidae | | |
| Doradidae | 806417 | <i>Cottus gobio</i> | 806904 | |
| | 807004 | <i>Myoxocephalus</i> | 806904 | |
| Heteropneustidae | | Triglidae | | |
| <i>Heteropneustes fossilis</i> | 804911 | <i>Peristedion cataphractum</i> | 805489 | |
| | 806183 | Tetraodontidae | | |
| Loricariidae | 807004 | <i>Liostaccus cutaneus</i> | 805489 | |
| <i>Loricaria anus</i> | 807387 | Zeidae | | |
| Pimelodontidae | 806417 | <i>Zenopsis conchifer</i> | 805489 | |
| | 807004 | Clupeidae | | |
| Schilbeidae | | <i>Sardina pilchardus</i> | 805473 | |
| <i>Clupisoma garua</i> | 805629 | <i>Sardinops ocellata</i> | 805473 | |
| <i>Eutropichthys vacha</i> | 805629 | Engraulidae | | |
| Siluridae | | <i>Engraulis japonicus</i> | 805473 | |
| <i>Silurus glanis</i> | 806417 | Cobitidae | 806904 | |
| | 806939 | Cyprinidae | 806904 | |
| <i>Wallagonia attu</i> | 805629 | Ariidae | | |
| | 806183 | <i>Arius</i> | 805473 | |
| | 806927 | Gadidae | 805489 | |
| Sisoridae | | <i>Lota lota</i> | 806904 | |
| <i>Glyptosternon</i> | 806183 | Macrouridae | | |
| Osteoglossidae | | <i>Nezumia naiardi</i> | 805489 | |
| <i>Arapaima gigas</i> | 807004 | Merlucciidae | | |
| Gadidae | 806417 | <i>Merluccius merluccius</i> | 805473 | |
| <i>Lota lota</i> | 806261 | Lophidae | | |
| <i>Merlangius merlangus</i> | 806261 | <i>Lophius piscatorius</i> | 805473 | |
| Merlucciidae | | Esocidae | | |
| <i>Merluccius hubbsi</i> | 807004 | <i>Esox lucius</i> | 806904 | |
| <i>Merluccius merluccius</i> | 806760 | Salmonidae | 806904 | |
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| <i>Chanos chanos</i> | 803776 | <i>Hypophthalmichthys molitrix</i> | 808235 | |
| Esocidae | | Prophylactic treatment | | |
| <i>Esox lucius</i> | 806261 | Cyprinidae | | |
| | 806417 | <i>Aristichthys nobilis</i> | 808235 | |
| | 806939 | <i>Ctenopharyngodon idella</i> | 808235 | |
| Osmeridae | | <i>Hypophthalmichthys molitrix</i> | 808235 | |
| <i>Osmerus eperlanus</i> | 806261 | Incidence of infection | | |
| Salmonidae | 806417 | Petromyzontomorpha | | |
| <i>Salmo trutta</i> | 806261 | <i>Lampetra japonica</i> | 807492 | |
| <i>Thymallus thymallus</i> | 806939 | Carcharhinidae | | |
| Distribution of infection | | <i>Carcharhinus leucas</i> | 804454 | |
| Teleostei | 806884 | Cetorhinidae | | |
| | | <i>Cetorhinus maximus</i> | 806261 | |

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| | <i>Scyllorhinus caniculus</i> | 806261 | <i>Prionace glauca</i> | 807391 |
| Cestoda | Squalidae | | Squalidae | |
| | <i>Squalus acanthias</i> | 806261 | <i>Squalus acanthias</i> | 807391 |
| | Polypteromorpha | | Aulorhynchidae | |
| | <i>Polypterus bichir</i> | 804080 | <i>Aulorhynchus flavidus</i> | 807495 |
| | <i>Polypterus endlicheri</i> | 804080 | Gasterosteidae | |
| | <i>Polypterus senegalus</i> | 804080 | <i>Gasterosteus aculeatus</i> | 804496 |
| | Amiromorpha | | | 807495 |
| | <i>Amia calva</i> | 803545 | Syngnathidae | |
| | Gasterosteidae | | <i>Syngnathus criseolineatus</i> | 807495 |
| | <i>Pungitius pungitius</i> | 806261 | Ammodontidae | |
| | Acanthuridae | | <i>Ammodontes hexapterus</i> | 807495 |
| | <i>Acanthurus coeruleus</i> | 804454 | Pholididae | |
| | Carangidae | 804454 | <i>Pholis laeta</i> | 807495 |
| | <i>Trachurus symmetricus</i> | 808731 | Gobiidae | |
| | Centrarchidae | | <i>Coryphopterus nicholsi</i> | 807495 |
| | <i>Lepomis</i> | 805611 | Carangidae | |
| | Lutjanidae | | <i>Trachurus trachurus</i> | 805468 |
| | <i>Lutjanus griseus</i> | 804454 | Embiotocidae | |
| | <i>Ocyurus chrysurus</i> | 804454 | <i>Cymatogaster aggregata</i> | 807495 |
| | Serranidae | 804454 | Percidae | |
| | Spandae | | <i>Perca fluviatilis</i> | 803827 |
| | <i>Diplodus argenteus</i> | 804454 | | 806657 |
| | Scombridae | | | 806658 |
| | <i>Euthynnus alletteratus</i> | 804454 | Scombridae | |
| | <i>Scomber japonicus</i> | 808731 | <i>Scomber colias</i> | 805472 |
| | <i>Thunnus albacares</i> | 804226 | Pleuronectidae | |
| | Cottidae | | <i>Lepidopsetta bilineata</i> | 807495 |
| | <i>Cottus beldingi</i> | 808721 | <i>Platichthys stellatus</i> | 807495 |
| | Tetraodontidae | | Agonidae | |
| | <i>Tetraodon lineatus</i> | 804080 | <i>Agonus acipenserinus</i> | 807495 |
| | Belontiidae | | <i>Xenentomus latifrons</i> | 807495 |
| | <i>Abeltes hians</i> | 804454 | Cottidae | |
| | Engraulidae | | <i>Hexagrammidae</i> | 807495 |
| | <i>Engraulis japonicus</i> | 805423 | Scorpaenidae | 807495 |
| | Characidae | 806581 | <i>Sebastes marmoratus</i> | 805538 |
| | <i>Alestes nurse</i> | 804080 | Clupeidae | |
| | Citharinidae | | <i>Clupea harengus</i> | 807495 |
| | <i>Citharus citharus</i> | 804080 | Anguillidae | |
| | Catostomidae | 803544 | <i>Anguilla anguilla</i> | 803827 |
| | Cyprinidae | | Catostomidae | |
| | <i>Bleca bleekeri</i> | 804076 | <i>Catostomus clarki</i> | 804824 |
| | <i>Gila elegans</i> | 807794 | <i>Catostomus insignis</i> | 804824 |
| | <i>Gila robusta</i> | 807794 | <i>Ichtyobus bubalus</i> | 804438 |
| | <i>Ptychocheilus lucius</i> | 807794 | <i>Ichtyobus cyprinellus</i> | 804438 |
| | Bagridae | 804080 | <i>Ichtyobus niger</i> | 806657 |
| | Clariidae | | Cyprinidae | 806658 |
| | <i>Clarias lazera</i> | 804080 | <i>Rutilus rutilus</i> | 803827 |
| | Ictaluridae | 806642 | Gadidae | |
| | <i>Ictalurus melas</i> | 807794 | <i>Gadus macrocephalus</i> | 807495 |
| | Malapteruridae | | <i>Theragra chalcogramma</i> | 807495 |
| | <i>Malapterurus electricus</i> | 804080 | Zoaridae | |
| | Mochonidae | 804080 | <i>Aprodon corteziensis</i> | 807495 |
| | Schilbeidae | 804080 | Esocidae | |
| | Mormyridae | 804080 | <i>Esox lucius</i> | 803827 |
| | Osteoglossidae | | | 806657 |
| | <i>Heterotis niloticus</i> | 804080 | | 806658 |
| | Gadidae | | Retropinnidae | |
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| | Salmonidae | | Osmeridae | |
| | <i>Oncorhynchus kisutch</i> | 808526 | <i>Thaleichthys pacificus</i> | 807495 |
| | <i>Salmo salar</i> | 803583 | Salmonidae | |
| | <i>Salmo trutta</i> | 806879 | <i>Oncorhynchus</i> | 807893 |
| | <i>Thymallus arcticus</i> | 803583 | <i>Salmo gairdneri</i> | 807773 |
| | Change with age | 806450 | <i>Salmo trutta</i> | 807893 |
| | Gasterosteidae | | Prophylactic treatment | |
| | <i>Gasterosteus aculeatus</i> | 805979 | Cyprinidae | |
| | Carangidae | | <i>Ctenopharyngodon idella</i> | 807279 |
| | <i>Trachurus mediterraneus</i> | 805467 | <i>Cyprinus carpio</i> | 807279 |
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| | Gasterosteidae | | Parasitic life history | |
| | <i>Gasterosteus aculeatus</i> | 805965 | Gasterosteidae | |
| | Percidae | | <i>Gasterosteus aculeatus</i> | 805965 |
| | <i>Perca flavescens</i> | 807394 | Carangidae | |
| | <i>Perca fluviatilis</i> | 806657 | <i>Seriola quinqueradiata</i> | 806581 |
| | Clupeidae | 806658 | Percidae | |
| | <i>Hilsa ilisha</i> | 808577 | <i>Perca flavescens</i> | 807393 |
| | Cyprinidae | 806657 | <i>Perca fluviatilis</i> | 806256 |
| | <i>Phoxinus phoxinus</i> | 808216 | Catostomidae | |
| | Esocidae | | <i>Catostomus clarki</i> | 804824 |
| | <i>Esox lucius</i> | 806657 | <i>Catostomus insignis</i> | 804824 |
| | Distribution of infection | | Cyprinidae | |
| | Salmonidae | | <i>Leuciscus cephalus</i> | 807267 |
| | <i>Salmo salar</i> | 807917 | <i>Leuciscus leuciscus</i> | 805956 |
| | Intensity of infection | | | 805969 |
| | Rajidae | | Esocidae | |
| | <i>Raja radiata</i> | 807391 | <i>Esox lucius</i> | 806256 |
| | | | Osmeridae | |
| | | | <i>Osmerus eperlanus</i> | 806256 |
| | | | Salmonidae | |
| | | | <i>Coregonus albus</i> | 806256 |

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| <i>Oncorhynchus gorbusha</i> | 807392 | Ultrastructure | | Environmental factors |
| <i>Salvelinus namaycush</i> | 807398 | Gasterosteidae | | (continued) |
| Host specificity | | <i>Gasterosteus aculeatus</i> | 804758 | |
| Cyprinidae | | Experimental analysis | | |
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| <i>Cyprinus carpio</i> | 807279 | <i>Gasterosteus aculeatus</i> | 807386 | Cestoda |
| <i>Hypophthalmichthys molitrix</i> | 807279 | Carangidae | | |
| Host parasite interactions | | <i>Seriola quinqueradiata</i> | 805424 | |
| Gasterosteidae | | Cyprinidae | | |
| <i>Gasterosteus aculeatus</i> | 804496 | <i>Danio malabaricus</i> | 807490 | |
| | 804960 | Incidence of infection | | |
| Carangidae | | Percidae | | |
| <i>Seriola quinqueradiata</i> | 806581 | <i>Perca flavescens</i> | 803803 | |
| <i>Trachurus mediterraneus</i> | 805467 | Serranidae | | |
| Catostomidae | | <i>Morone americana</i> | 803803 | |
| <i>Ictiobus bubalus</i> | 804438 | Host specificity | | |
| <i>Ictiobus cyprinellus</i> | 804438 | Gasterosteidae | | |
| <i>Ictiobus niger</i> | 804438 | <i>Gasterosteus aculeatus</i> | 803978 | |
| Cyprinidae | 809004 | <i>Pungitius pungitius</i> | 803978 | |
| <i>Leuciscus leuciscus</i> | 805969 | Percidae | | |
| Gadidae | | <i>Acerina cernua</i> | 803978 | |
| <i>Gadus morhua</i> | 805119 | <i>Perca fluviatilis</i> | 803978 | |
| Salmonidae | | Pleuronectidae | | |
| <i>Salmo gairdneri</i> | 807773 | <i>Platichthys flesus</i> | 803978 | |
| Intensity of infection | | Anguillidae | | |
| Polypteromorpha | | <i>Anguilla anguilla</i> | 803978 | |
| <i>Polypterus bichir</i> | 804080 | Esocidae | | |
| <i>Polypterus endlicheri</i> | 804080 | <i>Esox lucius</i> | 803978 | |
| <i>Polypterus senegalus</i> | 804080 | Osmeridae | | |
| Amiromorpha | | <i>Osmerus eperlanus</i> | 803978 | |
| <i>Amia calva</i> | 803545 | Salmonidae | | |
| Centrarchidae | 806642 | <i>Salmo trutta</i> | 803978 | |
| Tetraodontidae | | Host and parasite phylogeny | | |
| <i>Tetraodon fahaka</i> | 804080 | Rajomorpha | 804739 | |
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| <i>Citharus citharus</i> | 804080 | Hexanchiformes | 804739 | |
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| <i>Ichthyoborus besse</i> | 804080 | Host specificity | | |
| Bagridae | 804080 | Scyliorhinidae | | |
| Clariidae | 804080 | <i>Scyliorhinus stellaris</i> | 804958 | |
| Malapteruridae | | Gasterosteidae | | |
| <i>Malapterurus electricus</i> | 804080 | <i>Gasterosteus aculeatus</i> | 804123 | |
| Mochokidae | 804080 | <i>Pungitius pungitius</i> | 804123 | |
| Schilbeidae | 804080 | Gobiidae | | |
| Mormyridae | 804080 | <i>Gobius microps</i> | 804123 | |
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| <i>Heterotis niloticus</i> | 804080 | <i>Parachaenichthys charcoti</i> | 805051 | |
| Salmonidae | | Percidae | | |
| <i>Salmo salar</i> | 803583 | <i>Perca fluviatilis</i> | 804123 | |
| <i>Salmo trutta</i> | 803583 | Anguillidae | | |
| Change with age | | <i>Anguilla anguilla</i> | 804123 | |
| Ictaluridae | | Cyprinidae | 804123 | |
| <i>Ictalurus punctatus</i> | 807779 | Esocidae | | |
| Seasonal changes | | <i>Esox lucius</i> | 804123 | |
| Cyprinidae | | Salmonidae | 804123 | |
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| Rajidae | 804958 | <i>Gasterosteus aculeatus</i> | 804458 | |
| Carcharinidae | | <i>Pungitius pungitius</i> | 804458 | |
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| <i>Triakis henlei</i> | 804364 | <i>Brachygnathus nuntius</i> | 805120 | |
| <i>Triakis semifasciata</i> | 804364 | Percidae | | |
| Polypteromorpha | | <i>Perca fluviatilis</i> | 805120 | |
| <i>Polypterus bichir</i> | 804080 | Catostomidae | | |
| <i>Polypterus endlicheri</i> | 804080 | <i>Minytrema melanops</i> | 805120 | |
| <i>Polypterus senegalus</i> | 804080 | Cyprinidae | 805120 | |
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| Carangidae | | <i>Salmo trutta</i> | 805120 | |
| <i>Seriola quinqueradiata</i> | 805423 | Host parasite interactions | | |
| Tetraodontidae | | Gasterosteidae | | |
| <i>Tetraodon fahaka</i> | 804080 | <i>Gasterosteus aculeatus</i> | 804458 | |
| Belonidae | | <i>Pungitius pungitius</i> | 804458 | |
| <i>Belone bellone</i> | 806632 | Host parasite interactions | | |
| Engraulidae | | Rajidae | 804958 | |
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| Characidae | | <i>Torpedo californica</i> | 806203 | |
| <i>Alestes nurse</i> | 804080 | Teleostei | 806042 | |
| Citharinidae | | Gasterosteidae | | |
| <i>Citharus citharus</i> | 804080 | <i>Gasterosteus aculeatus</i> | 806261 | |
| Bagridae | 804080 | <i>Pungitius pungitius</i> | 806261 | |
| Clariidae | | Centrarchidae | | |
| <i>Clarias lazera</i> | 804080 | <i>Lepomis macrochirus</i> | 804299 | |
| Malapteruridae | | <i>Pomoxis annularis</i> | 803846 | |
| <i>Malapterurus electricus</i> | 804080 | Percidae | | |
| Mochokidae | 804080 | <i>Gymnocephalus cernua</i> | 806261 | |
| Schilbeidae | 804080 | <i>Perca fluviatilis</i> | 806261 | |
| Mormyridae | 804080 | Pleuronectidae | | |
| Osteoglossidae | | <i>Limanda limanda</i> | 806261 | |
| <i>Heterotis niloticus</i> | 804080 | <i>Platichthys flesus</i> | 806261 | |
| Salmonidae | | <i>Pleuronectes platessa</i> | 806261 | |
| <i>Salmo salar</i> | 803583 | Cottidae | | |
| <i>Salmo trutta</i> | 803583 | <i>Myoxocephalus scorpius</i> | 806261 | |

| Environmental factors (continued) | Zendae | | | |
|--------------------------------------|--------------------------------|--------|--------------------------------------|--------|
| | <i>Zeus faber</i> | 806261 | Scyliorhinidae | 804040 |
| | Belonidae | | <i>Scyliorhinus caniculus</i> | 806632 |
| | <i>Belone bellone</i> | 806261 | <i>Scyliorhinus stellaris</i> | 804040 |
| | Clupeidae | | Sphyrnidae | |
| | <i>Alosa fallax</i> | 806261 | <i>Sphyrna japonica</i> | 804040 |
| | Engraulidae | | <i>Sphyrna zygaena</i> | 806632 |
| | <i>Engraulis encrasicolus</i> | 806261 | Heterodontiformes | |
| | Anguillidae | | <i>Heterodontus philippi</i> | 804040 |
| | <i>Anguilla anguilla</i> | 806261 | <i>Heterodontus portusjacksoni</i> | 805071 |
| | Catostomidae | | Hexanchiformes | |
| | <i>Catostomus commersoni</i> | 806850 | <i>Hexanchus griseus</i> | 804040 |
| | Cyprinidae | 806261 | | 806632 |
| | Ictaluridae | | Squalidae | |
| | <i>Ictalurus punctatus</i> | 803846 | <i>Etmopterus niger</i> | 804040 |
| | Esocidae | | <i>Squalus</i> | 804040 |
| | <i>Esox lucius</i> | 806261 | <i>Squalus acanthias</i> | 806632 |
| | Synodontidae | | <i>Squalus fernandinus</i> | 806632 |
| | <i>Synodus intermedius</i> | 804454 | Squatinae | |
| | Osmeridae | | <i>Squatina squatina</i> | 806632 |
| | <i>Osmerus eperlanus</i> | 806261 | Bathyrhynchidae | |
| | Salmonidae | | <i>Cygnodraco mawsoni</i> | 805071 |
| | <i>Salmo trutta</i> | 806261 | <i>Prionodracon evansi</i> | 805071 |
| | Immunological reactions | | Channichthyidae | 805071 |
| | <i>Leuciscus leuciscus</i> | 804365 | Nototheniidae | 805071 |
| | Seasonal changes | | Carangidae | |
| | Cyprinidae | | <i>Caranx trachurus</i> | 806632 |
| | <i>Cyprinus carpio</i> | 807745 | Mullidae | |
| | Distribution of infection | | <i>Mullus barbatus</i> | 804204 |
| | Serranidae | | Sciaenidae | |
| | <i>Morone americana</i> | 806512 | <i>Pogonias cromis</i> | 807410 |
| | Incidence of infection | | Scombridae | |
| | Centrarchidae | | <i>Sarda chiliensis</i> | 806185 |
| | <i>Micropterus dolomieu</i> | 804495 | <i>Scomber scombrus</i> | 806632 |
| | Cyprinidae | | Platycephaloidei | |
| | <i>Cyprinus carpio</i> | 807745 | <i>Platycephalus bassensis</i> | 805071 |
| | Intensity of infection | | Molidae | |
| | Cyprinidae | | <i>Mola mola</i> | 805071 |
| | <i>Cyprinus carpio</i> | 807745 | | 803544 |
| | Host specificity | | Catostomidae | |
| | Percidae | | Heteropneustidae | |
| | <i>Perca flavescens</i> | 806512 | <i>Heteropneustes fossilis</i> | 806717 |
| | Serranidae | | Macrouridae | |
| | <i>Morone americana</i> | 806512 | <i>Coryphaenoides whitsoni</i> | 805071 |
| | Host and parasite phylogeny | | Parasite life history | |
| | Amiromorpha | | Gasterosteidae | |
| | <i>Amia calva</i> | 806716 | <i>Apeltes quadracus</i> | 807407 |
| | Parasite systematics | | Pleuronectidae | |
| | Dasyatidae | 804363 | <i>Pseudopleuronectes americanus</i> | 807407 |
| | <i>Dasyatis</i> | 804040 | Gadidae | |
| | <i>Dasyatis violacea</i> | 806632 | <i>Microgadus tomcod</i> | 807407 |
| | <i>Gymnura marmorata</i> | 804040 | Salmonidae | |
| | <i>Gymnura micura</i> | 804040 | <i>Oncorhynchus gorbuscha</i> | 807407 |
| | <i>Pteroplatea poecilura</i> | 804040 | <i>Salmo salar</i> | 807407 |
| | <i>Trygon uarnak</i> | 804298 | <i>Salvelinus alpinus</i> | 807407 |
| | <i>Trygon walga</i> | 804298 | Parasites shared with man | |
| | <i>Urogyminus</i> | 804040 | Experimental analysis | |
| | <i>Urolophus halleri</i> | 804040 | Scombridae | |
| | Myliobatidae | | <i>Sarda chiliensis</i> | 807384 |
| | <i>Aciobatus narinan</i> | 804040 | <i>Scomberomorus maculatus</i> | 807384 |
| | <i>Myliobatis aquila</i> | 804040 | | |
| | <i>Myliobatis californica</i> | 804040 | Nematoda | |
| | <i>Rhinoptera bonasus</i> | 803775 | As food for fish | |
| | Rajidae | | Gobiidae | |
| | <i>Raja</i> | 804040 | <i>Boleophthalmus dussumieri</i> | 805722 |
| | <i>Raja clavata</i> | 806632 | <i>Scartelaos viridis</i> | 809057 |
| | <i>Raja oxyrinchus</i> | 806632 | Atherinidae | |
| | Rhinobatidae | | <i>Menidia extensa</i> | 807835 |
| | <i>Rhinobatos productus</i> | 804040 | Characidae | |
| | <i>Rhinobatos schleggeli</i> | 804040 | <i>Alestes dageti</i> | 805053 |
| | <i>Rhynchobatus djiddensis</i> | 804040 | <i>Micralestes acutidens</i> | 805053 |
| | Torpedinidae | | Cyprinidae | |
| | <i>Narcine brauni</i> | 804040 | <i>Barbus kolus</i> | 808571 |
| | <i>Narcine japonica</i> | 804040 | <i>Gila elegans</i> | 807794 |
| | <i>Narcine timlei</i> | 804040 | Amblyopsidae | |
| | <i>Torpedo</i> | 804040 | <i>Chologaster agassizi</i> | 804436 |
| | <i>Torpedo nobiliana</i> | 806632 | As parasite | |
| | Caracanthinidae | | Carangidae | |
| | <i>Mustelus antarcticus</i> | 805071 | <i>Trachinotus carolinus</i> | 804222 |
| | <i>Mustelus canis</i> | 807410 | Cichlidae | |
| | <i>Mustelus mustelus</i> | 806632 | <i>Cichla ocellaris</i> | 804217 |
| | <i>Negaprion brevirostris</i> | 804040 | <i>Cichlasoma bimaculatum</i> | 804217 |
| | <i>Trakis saylla</i> | 804040 | | |

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|--|--------|----------------------------------|--------|--------------------------------------|
| <i>Prosopium williamsoni</i> | 804294 | <i>Lates niloticus</i> | 804880 | Environmental factors (continued) |
| Incidence of infection | | Cichlidae | 804080 | |
| Mugiloidae | | Percidae | 809003 | Nematoda |
| <i>Mugil cephalus</i> | 808575 | <i>Sizistostedion lucioperca</i> | 809003 | |
| Seasonal changes | | Sillaginidae | 807136 | |
| Incidence of infection | | <i>Sillaginopsis panijus</i> | 807136 | |
| Anguillidae | | Sparidae | 807136 | |
| <i>Anguilla anguilla</i> | 805122 | <i>Sparus berda</i> | 807136 | |
| Cyprinidae | | Polynemoidei | 807136 | |
| <i>Vimba vimba</i> | 807046 | <i>Polydactylus indicus</i> | 803510 | |
| Gadidae | | Scombridae | 804080 | |
| <i>Merlangius merlangus</i> | 805121 | <i>Euthynnus pelamis</i> | 804080 | |
| Intensity of infection | | Tetraodontidae | 807136 | |
| Cyprinidae | | <i>Tetraodon fahaka</i> | 807136 | |
| <i>Vimba vimba</i> | 807046 | Belonidae | 807136 | |
| Gadidae | | <i>Xenentodon cancila</i> | 807136 | |
| <i>Merlangius merlangus</i> | 805121 | Engraulidae | 807136 | |
| Distribution of infection | | <i>Thrissa hamiltoni</i> | 807136 | |
| Acipenseromorpha | 806903 | Catostomidae | 806850 | |
| Teleostei | 807077 | <i>Catostomus commersoni</i> | 809003 | |
| Siganidae | | Cyprinidae | 807267 | |
| <i>Siganus guttatus</i> | 807389 | <i>Barbus lacerta</i> | 807267 | |
| <i>Siganus oramin</i> | 807389 | <i>Leuciscus cephalus</i> | 804080 | |
| Anabantidae | | Bagridae | 807136 | |
| <i>Anabas testudineus</i> | 807389 | <i>Mystus aor</i> | 807136 | |
| Belontiidae | | <i>Rita rita</i> | 804080 | |
| <i>Trichogaster trichopterus</i> | 807389 | Clariidae | 807136 | |
| Carangidae | | Heteropneustidae | 807136 | |
| <i>Caranx melampygus</i> | 807389 | <i>Heteropneustes fossilis</i> | 804080 | |
| <i>Trachurus trachurus</i> | 805489 | Malapteruridae | 804080 | |
| Echeneidae | | <i>Malapterurus electricus</i> | 804080 | |
| <i>Echeneis naucrates</i> | 805473 | Mochokidae | 804080 | |
| Lutjanidae | | Schilbeidae | 807136 | |
| <i>Caesio erythrogaster</i> | 807389 | Siluridae | 807136 | |
| <i>Scolopsis marginifer</i> | 807389 | <i>Ompok bimaculatus</i> | 807136 | |
| Monodactylidae | | <i>Wallagonia attu</i> | 804080 | |
| <i>Monodactylus argenteus</i> | 807389 | Gymnarchidae | 804080 | |
| Percidae | 806904 | <i>Gymnarchus niloticus</i> | 804080 | |
| Pomadasysidae | | Mormyridae | 804080 | |
| <i>Otoperca aurita</i> | 805473 | Osteoglossidae | 804080 | |
| Serranidae | | <i>Heterotis niloticus</i> | 804080 | |
| <i>Epinephelus fasciatus</i> | 807389 | Esocidae | 809003 | |
| Sparidae | | <i>Esox lucius</i> | 806450 | |
| <i>Boops boops</i> | 805473 | Salmonidae | 804532 | |
| <i>Pagrus pagrus</i> | 805473 | <i>Thymallus arcticus</i> | 804532 | |
| <i>Sparus heterodus</i> | 805473 | Change with age | | |
| Scombridae | | Clupeidae | 804532 | |
| <i>Sarda sarda</i> | 805473 | <i>Clupea harengus</i> | 804532 | |
| Bothidae | | <i>Sprattus sprattus</i> | 804532 | |
| <i>Paralichthys oblongus</i> | 805489 | Geographic variation | | |
| Pleuronectidae | | Clupeidae | 804532 | |
| <i>Hippoglossoides platessoides</i> | 805489 | <i>Clupea harengus</i> | 804532 | |
| Scophthalmidae | | Distribution within habitat | | |
| <i>Scophthalmus aquosus</i> | 805489 | Catostomidae | 808486 | |
| Cottidae | | <i>Catostomus commersoni</i> | 808486 | |
| <i>Cottus gobio</i> | 806904 | <i>Catostomus platyrhynchus</i> | 808486 | |
| <i>Myoxocephalus octodecemspinosus</i> | 805489 | Seasonal changes | | |
| Icelidae | | Percidae | 807394 | |
| <i>Triglops murrayi</i> | 805489 | <i>Perca flavescens</i> | 806657 | |
| Scorpaenidae | | <i>Perca fluviatilis</i> | 806658 | |
| <i>Sebastes marinus</i> | 805489 | Cyprinidae | 806658 | |
| Triglidae | | <i>Phoxinus phoxinus</i> | 808216 | |
| <i>Trigla cuculus</i> | 805489 | Esocidae | 806657 | |
| Clupeidae | | <i>Esox lucius</i> | 806658 | |
| <i>Alosa aestivalis</i> | 805489 | Distribution of infection | | |
| Anguillidae | | Dasyatidae | 805470 | |
| <i>Anguilla rostrata</i> | 805489 | <i>Trygon pastinaca</i> | 805470 | |
| Cobitidae | 806904 | Rajidae | 805470 | |
| Cyprinidae | 806904 | <i>Raja clavata</i> | 805470 | |
| Gadidae | 805489 | <i>Raja miraletus</i> | 805470 | |
| <i>Lota lota</i> | 806904 | Blennidae | 805470 | |
| Macrouridae | 805473 | <i>Blennius ocellaris</i> | 805470 | |
| <i>Nezunia naiardi</i> | 805489 | Callionymidae | 805470 | |
| Esocidae | | <i>Callionymus maculatus</i> | 805470 | |
| <i>Esox lucius</i> | 806904 | Gobiidae | 805470 | |
| Salmonidae | 806904 | <i>Gobius quadrimaculatus</i> | 805470 | |
| Incidence of infection | | Mullidae | 805470 | |
| Pristidae | 807136 | <i>Mullus barbatus</i> | 805470 | |
| Scyliorhinidae | | <i>Mullus surmuletus</i> | 805470 | |
| <i>Scyliorhinus caniculus</i> | 805803 | Serranidae | 805470 | |
| Squalidae | | <i>Serranus hepatus</i> | 805470 | |
| <i>Squalus acanthias</i> | 804295 | <i>Serranus cabrilla</i> | 805470 | |
| Polypteromorpha | | Uranoscopidae | 805470 | |
| <i>Polypterus endlicheri</i> | 804080 | <i>Uranoscopus scaber</i> | 805470 | |
| <i>Polypterus senegalus</i> | 804080 | Bothidae | 805470 | |
| Channiformes | | Cynoglossidae | 805470 | |
| <i>Channa marulius</i> | 807136 | <i>Ammocopterus lacteus</i> | 805470 | |
| <i>Channa striatus</i> | 807136 | Soleidae | 805470 | |
| Mastacembelidae | | <i>Solea capellonis</i> | 805470 | |
| Carangidae | | <i>Solea lutea</i> | 805470 | |
| <i>Trachinotus falcatus</i> | 807837 | <i>Solea monochir</i> | 805470 | |
| Centropomidae | | | | |
| <i>Ambassis nama</i> | 807136 | | | |

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|--------------------------------------|----------------------------------|--------|--------------------------------|--------|
| Environmental factors (continued) | Scorpaenidae | | Cyprinidae | 806658 |
| | <i>Scorpaena porcus</i> | 805470 | <i>Rutilus rutilus</i> | 803827 |
| | <i>Scorpaena scrofa</i> | 805470 | | 806657 |
| | <i>Scorpaena ustulata</i> | 805470 | Gadidae | |
| Nematoda | Triglidae | | <i>Gadus macrocephalus</i> | 807495 |
| | <i>Aspitrigla cuculus</i> | 805470 | <i>Phycis blennoides</i> | 805470 |
| | <i>Trigla gurnardus</i> | 805470 | <i>Pollachius pollachius</i> | 805065 |
| | <i>Trigla lyra</i> | 805470 | <i>Pollachius virens</i> | 805065 |
| | Gadidae | | <i>Theragra chalcogramma</i> | 807495 |
| | <i>Phycis blennoides</i> | 805470 | Zoarcidae | |
| | Synodontidae | | <i>Aprodon corteziensis</i> | 807495 |
| | <i>Saurus griseus</i> | 805470 | Esocidae | |
| | Salmonidae | | <i>Esox lucius</i> | 803827 |
| | <i>Salmo salar</i> | 807917 | | 806657 |
| | Intensity of infection | | | 806658 |
| | Dasyatidae | | Synodontidae | |
| | <i>Trygon pastinaca</i> | 805470 | <i>Saurus griseus</i> | 805470 |
| | Rajidae | | Osmundae | |
| | <i>Raja clavata</i> | 805470 | <i>Thaleichthys pacificus</i> | 807495 |
| | <i>Raja miraletus</i> | 805470 | Salmonidae | 807495 |
| | <i>Raja radiata</i> | 807391 | <i>Salvelinus fontinalis</i> | 804761 |
| | Squalidae | | Parasite life history | |
| | <i>Squalus acanthias</i> | 807391 | Carangidae | |
| | Aulorhynchidae | | <i>Trachurus symmetricus</i> | 808731 |
| | <i>Aulorhynchus flavidus</i> | 807495 | Scombridae | |
| | Gasterosteidae | | <i>Scomber japonicus</i> | 808731 |
| | <i>Gasterosteus aculeatus</i> | 807495 | Cyprinidae | 807266 |
| | Syngnathidae | | Salmonidae | |
| | <i>Syngnathus crissolineatus</i> | 807495 | <i>Oncorhynchus gorbuscha</i> | 807392 |
| | Ammodytidae | | Host parasite interactions | |
| | <i>Ammodytes hexapterus</i> | 807495 | Pleuronectidae | |
| | Blenniidae | | <i>Parophrys vetulus</i> | 808739 |
| | <i>Blennius ocellaris</i> | 805470 | Hexagrammidae | |
| | Pholididae | | <i>Ophiodon elongatus</i> | 807495 |
| | <i>Apodichthys flavidus</i> | 807495 | Clupeidae | |
| | <i>Pholis laeta</i> | 807495 | <i>Clupea harengus</i> | 804532 |
| | <i>Pholis ornata</i> | 807495 | Cyprinidae | |
| | Stichaeidae | | <i>Rhinichthys atratulus</i> | 804093 |
| | <i>Anoplarchus purpurascens</i> | 807495 | Intensity of infection | |
| | Callionymidae | | Scombridae | |
| | <i>Callionymus maculatus</i> | 805470 | <i>Euthynnus pelamis</i> | 803510 |
| | Gobiidae | | Cyprinodontidae | |
| | <i>Coryphopterus nicholsi</i> | 807495 | <i>Fundulus kansae</i> | 807834 |
| | <i>Gobius quadrimaculatus</i> | 805470 | Seasonal changes | |
| | Carangidae | | Cyprinidae | |
| | <i>Trachurus trachurus</i> | 805468 | <i>Phoxinus phoxinus</i> | 808216 |
| | Centrarchidae | 806642 | Treatment for disease | |
| | Embiotocidae | | Carangidae | |
| | <i>Cymatogaster aggregata</i> | 807495 | <i>Trachurus japonicus</i> | 805564 |
| | Mullidae | | Parasite life history | |
| | <i>Mullus barbatus</i> | 805470 | Polypteromorphs | |
| | <i>Mullus surmuletus</i> | 805470 | <i>Polypterus endlicheri</i> | 804080 |
| | Perceidae | | <i>Polypterus senegalus</i> | 804080 |
| | <i>Perca fluviatilis</i> | 803827 | Teleostei | 804171 |
| | | 806657 | | 805698 |
| | | 806658 | Centropomidae | |
| | Serranidae | | <i>Lates niloticus</i> | 804080 |
| | <i>Serranus hepatus</i> | 805470 | Cichlidae | |
| | <i>Serranus cabrilla</i> | 805470 | | 804361 |
| | Scombridae | | <i>Pterophyllum</i> | 805853 |
| | <i>Scomber colias</i> | 805472 | <i>Symphysodon</i> | 805853 |
| | Bathymasteridae | | Scophthalmidae | |
| | <i>Ronquillus jordani</i> | 807495 | <i>Scophthalmus maximus</i> | 805803 |
| | Uranoscopidae | | Tetraodontidae | |
| | <i>Uranoscopus scaber</i> | 805470 | <i>Tetraodon lineatus</i> | 804080 |
| | Bothidae | 805470 | Belontiidae | |
| | <i>Citharichthys stigmaceus</i> | 807495 | <i>Clupeidae</i> | |
| | Cynoglossidae | | <i>Sardina pilchardus</i> | 803972 |
| | <i>Ammocryptops lacteus</i> | 805470 | Characidae | |
| | Pleuronectidae | | <i>Charax magdalenae</i> | 804361 |
| | <i>Lepidopsetta bilineata</i> | 807495 | Citharinidae | 804080 |
| | <i>Platichthys stellatus</i> | 807495 | Cyprinidae | |
| | Soleidae | | <i>Barbus bynni</i> | 804080 |
| | <i>Solea capelloni</i> | 805470 | Gymnotiformes | 804361 |
| | <i>Solea lutea</i> | 805470 | Siluriformes | 804361 |
| | <i>Solea monochir</i> | 805470 | Bagridae | 804080 |
| | Agonidae | | Clariidae | 804080 |
| | <i>Agonus acipenserinus</i> | 807495 | Malapteruridae | |
| | Cottidae | 807495 | <i>Malapterurus electricus</i> | 804080 |
| | Hexagrammidae | 807495 | Mochokidae | 804080 |
| | Scorpaenidae | 807495 | Schilbeidae | 804080 |
| | <i>Scorpaena porcus</i> | 805470 | Gymnarchidae | |
| | <i>Scorpaena scrofa</i> | 805470 | <i>Gymnarchus niloticus</i> | 804080 |
| | <i>Scorpaena ustulata</i> | 805470 | Mormyridae | 804080 |
| | <i>Schistiscus marmoratus</i> | 805538 | Osteoglossidae | |
| | Triglidae | | <i>Heterotis niloticus</i> | 804080 |
| | <i>Aspitrigla cuculus</i> | 805470 | Merlucciidae | |
| | <i>Trigla gurnardus</i> | 805470 | <i>Merluccius merluccius</i> | 805803 |
| | <i>Trigla lyra</i> | 805470 | Lophiidae | |
| | Clupeidae | | <i>Lophius piscatorius</i> | 805803 |
| | <i>Clupea harengus</i> | 807495 | Experimental analysis | |
| | Engraulidae | | Gadidae | |
| | <i>Engraulis encrasicolus</i> | 807765 | <i>Gadus morhua</i> | 807403 |

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|------------------------------------|--------|--|--------|-----------------------|
| Salmonidae | | Scombridae | | Environmental factors |
| <i>Oncorhynchus nerka</i> | 807404 | <i>Euthynnus pelamis</i> | 805563 | (continued) |
| Host specificity | | <i>Euthynnus yaito</i> | 803976 | |
| Gasterosteidae | | <i>Pneumatophorus japonicus</i> | 805563 | |
| <i>Gasterosteus aculeatus</i> | 804123 | <i>Thunnus alalunga</i> | 805803 | |
| <i>Pungitius pungitius</i> | 804123 | Trichiuridae | | Acanthocephala |
| Gobiidae | | <i>Trichiurus haumela</i> | 803976 | |
| <i>Gobius microps</i> | 804123 | Bothidae | | |
| Bathyrachnidae | | <i>Pseudorhombus javanicus</i> | 803976 | |
| <i>Parachaenichthys charcoti</i> | 805051 | Soleidae | | |
| Percidae | | <i>Solea solea</i> | 805803 | |
| <i>Acerina cernua</i> | 804123 | Platycephaloidei | | |
| <i>Perca fluviatilis</i> | 804123 | <i>Thysanophrys nematophthalmus</i> | 803976 | |
| Anguillidae | | Triglidae | | |
| <i>Anguilla anguilla</i> | 804123 | <i>Trigla lucerna</i> | 805803 | |
| Cobitidae | | Clupeidae | | |
| <i>Noemacheilus barbatulus</i> | 804123 | <i>Clupea pallasii</i> | 805563 | |
| Cyprinidae | | Congridae | | |
| <i>Ctenopharyngodon idella</i> | 807279 | <i>Conger conger</i> | 805803 | |
| <i>Cyprinus carpio</i> | 807279 | Cyprinidae | | |
| <i>Hypophthalmichthys molitrix</i> | 807279 | <i>Barbus binotatus</i> | 803976 | |
| Esocidae | | <i>Tor tor</i> | 806718 | |
| <i>Esox lucius</i> | 804123 | Bagridae | | |
| Salmonidae | 804123 | <i>Mystus scenghala</i> | 806429 | |
| Experimental analysis | | <i>Mystus vittatus</i> | 806926 | |
| Percidae | | Clariidae | | |
| <i>Perca fluviatilis</i> | 806444 | <i>Clarias batrachus</i> | 806429 | |
| Cobitidae | | Heteropneustidae | | |
| <i>Noemacheilus barbatulus</i> | 806444 | <i>Heteropneustes fossilis</i> | 806429 | |
| Cyprinidae | | Malapteruridae | | |
| <i>Leuciscus cephalus</i> | 806444 | <i>Malapterurus electricus</i> | 805112 | |
| <i>Scardinius erythrophthalmus</i> | 806444 | Schilbeidae | | |
| <i>Tinca tinca</i> | 806444 | <i>Eutropichthys vacha</i> | 804911 | |
| Gadidae | | | 806429 | |
| <i>Lota lota</i> | 806444 | | 806926 | |
| Salmonidae | | <i>Pseudotropius garua</i> | 806429 | |
| <i>Salmo gairdneri</i> | 806444 | Siluridae | | |
| Parasite life history | | <i>Wallagonia attu</i> | 806429 | |
| Percidae | | Notopteridae | | |
| <i>Perca fluviatilis</i> | 806444 | <i>Nothopterus notopterus</i> | 806930 | |
| Host parasite interactions | | Gadidae | | |
| Squalidae | | <i>Gadus macrocephalus</i> | 805563 | |
| <i>Squalus acanthias</i> | 806190 | <i>Gaidropsarus mediterraneus</i> | 804426 | |
| Centrarchidae | | <i>Molva molva</i> | 805803 | |
| <i>Pomoxis annularis</i> | 803846 | <i>Theragra chalcogramma</i> | 805563 | |
| Ictaluridae | | <i>Trisopterus luscus</i> | 805803 | |
| <i>Ictalurus punctatus</i> | 803846 | Salmonidae | 807396 | |
| Salinity | | <i>Oncorhynchus masou</i> | 805563 | |
| Clupeidae | | Parasites shared with man | | |
| <i>Alosa kessleri</i> | 807748 | Channiformes | 804171 | |
| Distribution of infection | | Clariidae | 804171 | |
| Serranidae | | Acanthocephala | | |
| <i>Morone americana</i> | 806512 | As parasite | | |
| Incidence of infection | | Serranidae | | |
| Salmonidae | | <i>Morone saxatilis</i> | 806649 | |
| <i>Salmo trutta</i> | 807893 | Salmonidae | | |
| Intensity of infection | | <i>Prosopium coulteri</i> | 804294 | |
| Salmonidae | | <i>Prosopium williamsoni</i> | 804294 | |
| <i>Salmo trutta</i> | 807893 | Seasonal changes | | |
| Host specificity | | Incidence of infection | | |
| Percidae | | Anguillidae | | |
| <i>Perca flavescens</i> | 806512 | <i>Anguilla anguilla</i> | 805122 | |
| Serranidae | | Cyprinidae | | |
| <i>Morone americana</i> | 806512 | <i>Vimba vimba</i> | 807046 | |
| Parasite systematics | | Intensity of infection | | |
| Dasyatidae | | Cyprinidae | | |
| <i>Potamotrygon hystrix</i> | 805112 | <i>Vimba vimba</i> | 807046 | |
| Semionotomorpha | | Distribution of infection | | |
| <i>Lepisosteus osseus</i> | 807396 | Acipenseromorpha | 806903 | |
| Channiformes | | Teleostei | 807077 | |
| <i>Channa striatus</i> | 806718 | Gasterosteidae | | |
| Lampridae | | <i>Gasterosteus aculeatus</i> | 806904 | |
| <i>Lampris regius</i> | 805563 | <i>Pungitius</i> | 806904 | |
| Siganidae | | Carangidae | | |
| <i>Siganus striolatus</i> | 803976 | <i>Trachurus trachurus</i> | 805489 | |
| Belontiidae | | Emmelichthyidae | | |
| <i>Trichogaster fasciatus</i> | 806926 | <i>Sinaris</i> | 805489 | |
| Gobiidae | | Percidae | 806904 | |
| <i>Gobius batrachcephalus</i> | 804426 | Sparidae | | |
| Mastacembelidae | | <i>Boops boops</i> | 805473 | |
| <i>Mastacembelus armatus</i> | 806718 | Sphyraenoidae | | |
| | 806930 | <i>Sphyraena barracuda</i> | 805473 | |
| Carangidae | | Pleuronectidae | | |
| <i>Caranx affinis</i> | 803976 | <i>Hippoglossoides platessoides</i> | 805489 | |
| <i>Trachurus japonicus</i> | 805563 | <i>Limanda ferruginea</i> | 805489 | |
| Leiognathidae | | <i>Pleuronectes</i> | 806904 | |
| <i>Gazza minuta</i> | 803976 | Cottidae | | |
| Lutjanidae | | <i>Myoxocephalus</i> | 806904 | |
| <i>Gymnocranius griseus</i> | 803976 | <i>Myoxocephalus octodecemspinosus</i> | 805489 | |
| <i>Lutjanus gibbus</i> | 803976 | Icelidae | | |
| Serranidae | | <i>Trigllops murrayi</i> | 805489 | |
| <i>Cephalopholis sonnerati</i> | 803976 | Triglidae | | |
| Sparidae | | <i>Trigla capensis</i> | 805473 | |
| <i>Pagellus bogaraveo</i> | 805803 | | | |

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|--------------------------------------|-------------------------------|--------|----------------------------------|--------|
| Environmental factors (continued) | Tetraodonidae | | Gadidae | |
| | <i>Liosaccus cutaneus</i> | 805489 | <i>Lota lota</i> | 805898 |
| | Anguillidae | | <i>Pollachius pollachius</i> | 805065 |
| Acanthocephala | <i>Anguilla rostrata</i> | 805489 | <i>Pollachius virens</i> | 805065 |
| | Cyprinidae | 806904 | <i>Theragra chalcogramma</i> | 807495 |
| | Gadidae | 805489 | Zoarcidae | |
| | <i>Lota lota</i> | 806904 | <i>Aprodon corteziarius</i> | 807495 |
| | Macrouridae | | Esocidae | |
| | <i>Nesumia naiardi</i> | 805489 | <i>Esox lucius</i> | 803827 |
| | Esocidae | | | 805898 |
| | <i>Esox lucius</i> | 806904 | | 806657 |
| | Salmonidae | 806904 | | 806658 |
| | Parasite life history | | Retropinnidae | |
| | Salmonidae | | <i>Retropinna retropinna</i> | 807893 |
| | <i>Salmo salar</i> | 807401 | Salmonidae | 807495 |
| Incidence of infection | | | <i>Salmo trutta</i> | 807893 |
| | Carangidae | | <i>Thymallus thymallus</i> | 805898 |
| | <i>Trachurus symmetricus</i> | 808731 | Parasite life history | |
| | Centrarchidae | | Salmonidae | |
| | <i>Lepomis</i> | 805611 | <i>Oncorhynchus kisutch</i> | 807816 |
| | <i>Lepomis macrochirus</i> | 804299 | <i>Salvelinus fontinalis</i> | 807816 |
| | Citharinidae | | Host parasite interactions | |
| | <i>Citharinus citharus</i> | 804080 | Gasterosteidae | |
| | Cyprinidae | | <i>Gasterosteus aculeatus</i> | 804496 |
| | <i>Phoxinus phoxinus</i> | 808216 | Catostomidae | |
| | Ictaluridae | | <i>Catostomus clarki</i> | 804824 |
| | <i>Ictalurus punctatus</i> | 803846 | <i>Catostomus insignis</i> | 804824 |
| | Mochokidae | | Intensity of infection | |
| | <i>Syndontis batensoda</i> | 804080 | Cyprinidae | |
| | Osteoglossidae | | <i>Barbus barbus</i> | 804589 |
| | <i>Heterotis niloticus</i> | 804080 | Incidence of infection | |
| | Osmeridae | | Scombridae | |
| | <i>Osmerus mordax</i> | 808731 | <i>Scomber colias</i> | 805472 |
| | Salmonidae | | Parasite life history | |
| | <i>Salvelinus namaycush</i> | 807816 | Cyprinidae | |
| | <i>Thymallus arcticus</i> | 806450 | <i>Semotilus atromaculatus</i> | 804996 |
| Experimental analysis | | | Host specificity | |
| | Salmonidae | | Gasterosteidae | |
| | <i>Oncorhynchus kisutch</i> | 807816 | <i>Gasterosteus aculeatus</i> | 804123 |
| | <i>Salvelinus fontinalis</i> | 807816 | Bathyrachonidae | |
| Change with age | | | <i>Parachaenichthys charcoti</i> | 805051 |
| | Gasterosteidae | | Percidae | |
| | <i>Gasterosteus aculeatus</i> | 805979 | <i>Acerina cernua</i> | 804123 |
| Distribution within habitat | | | <i>Perca fluviatilis</i> | 804123 |
| | Catostomidae | | Anguillidae | |
| | <i>Catostomus catostomus</i> | 808486 | <i>Anguilla anguilla</i> | 804123 |
| | <i>Catostomus commersoni</i> | 808486 | Cobitidae | |
| Seasonal changes | | | <i>Noemacheilus barbatulus</i> | 804123 |
| | Gasterosteidae | | Cyprinidae | 804123 |
| | <i>Gasterosteus aculeatus</i> | 805965 | Esocidae | |
| | Percidae | | <i>Esox lucius</i> | 804123 |
| | <i>Perca flavescens</i> | 807394 | Salmonidae | 804123 |
| | <i>Perca fluviatilis</i> | 806657 | Host parasite interactions | |
| | | 806658 | Centrarchidae | |
| | Clupeidae | | <i>Lepomis macrochirus</i> | 803767 |
| | <i>Hilsa ilisha</i> | 808577 | Catostomidae | |
| | Cyprinidae | 806657 | <i>Catostomus commersoni</i> | 806850 |
| | | 806658 | Anatomy | |
| | Esocidae | | Bagridae | |
| | <i>Esox lucius</i> | 806657 | <i>Macrones gulio</i> | 805691 |
| | | 806658 | Biochemistry | |
| Distribution of infection | | | Bagridae | |
| | Salmonidae | | <i>Macrones gulio</i> | 805691 |
| | <i>Salmo salar</i> | 807917 | Parasite systematics | |
| Intensity of infection | | | Elasmobranchii | 805861 |
| | Gasterosteidae | | Dasyatidae | |
| | <i>Gasterosteus aculeatus</i> | 804496 | <i>Dasyatis margarita</i> | 805861 |
| | Ammodontidae | | Acipenseromorpha | 805861 |
| | <i>Ammodontes hexapterus</i> | 807495 | Amiromorpha | 805861 |
| | Carangidae | | Teleostei | 805861 |
| | <i>Trachurus trachurus</i> | 805468 | Gasterosteidae | |
| | Centrarchidae | | <i>Pungitius pungitius</i> | 806261 |
| | <i>Micropterus salmoides</i> | 806642 | Carangidae | |
| | Embiotocidae | | <i>Caesiomorus glaucus</i> | 805861 |
| | <i>Cymatogaster aggregata</i> | 807495 | Mullidae | |
| | Percidae | | <i>Mullus surmuletus</i> | 805861 |
| | <i>Perca fluviatilis</i> | 803827 | Percidae | |
| | | 806657 | <i>Perca fluviatilis</i> | 806261 |
| | | 806658 | Sparidae | |
| | Pleuronectidae | | <i>Pagellus mormyrus</i> | 805861 |
| | <i>Platichthys stellatus</i> | 807495 | Scombridae | |
| | Agonidae | | <i>Euthynnus pelamis</i> | 805485 |
| | <i>Agonus acipenserinus</i> | 807495 | <i>Thunnus</i> | 805861 |
| | Cottidae | 807495 | Clupeidae | |
| | Anguillidae | | <i>Hilsa ilisha</i> | 805398 |
| | <i>Anguilla anguilla</i> | 803827 | Anguillidae | |
| | Cyprinidae | 806657 | <i>Anguilla anguilla</i> | 806261 |
| | | 806658 | Cyprinidae | 806261 |
| | <i>Rutilus rutilus</i> | 803827 | <i>Barbus meridionalis</i> | 805861 |
| | Ictaluridae | | <i>Rohtee cotio</i> | 806719 |
| | <i>Ictalurus natalis</i> | 806642 | | 806929 |
| | Siluridae | | | 807406 |
| | <i>Silurus glanis</i> | 805898 | | |

| | | Environmental factors | |
|------------------------------------|--------|-----------------------------------|--------|
| | | (continued) | |
| Gadidae | | Polydactylus sextarius | 804280 |
| <i>Lota lota</i> | 805861 | Scombridae | |
| | 806261 | <i>Rastrelliger kanagurta</i> | 807977 |
| Zoaridae | | <i>Scomber tapeinocephalus</i> | 807928 |
| <i>Zoarces viviparus</i> | 806261 | Pleuronectiformes | 804972 |
| Esocidae | | Pleuronectidae | |
| <i>Esox lucius</i> | 806261 | <i>Glyptocephalus cynoglossus</i> | 808140 |
| Osmeridae | | <i>Lepidopsetta bilineata</i> | 807906 |
| <i>Osmerus eperlanus</i> | 806261 | <i>Microstomus pacificus</i> | 808717 |
| Salmonidae | | Congiopodoidei | |
| <i>Thymallus arcticus</i> | 803938 | <i>Hypodytes rubripinnis</i> | 805205 |
| Nemertea | | Cyclopteridae | |
| As food for fish | | <i>Liparis pulchellus</i> | 807635 |
| Dasyatiidae | | Hexagrammidae | |
| <i>Dasyatis centroura</i> | 804187 | <i>Oxylebiscus pictus</i> | 807230 |
| Sciaenidae | | Scorpaenidae | 807230 |
| <i>Microgogon undulatus</i> | 808663 | Balistidae | |
| As predator | | <i>Monacanthus tomentosus</i> | 805205 |
| Nototheniidae | | <i>Rudarius ercodes</i> | 805205 |
| <i>Trematomus bernacchi</i> | 805048 | <i>Sufflamen verres</i> | 808465 |
| Annelida | | Clupeidae | |
| As food for fish | | <i>Alosa brashnikovii</i> | 807717 |
| Gobiidae | | <i>Alosa kessleri</i> | 807717 |
| <i>Chasmichthys dolichognathus</i> | 806228 | <i>Ilisha indica</i> | 804285 |
| Anguillidae | | <i>Opisthonema oglinum</i> | 807033 |
| <i>Anguilla anguilla</i> | 805974 | Anguillidae | |
| <i>Anguilla australis</i> | 808362 | <i>Anguilla anguilla</i> | 806449 |
| <i>Anguilla dieffenbachii</i> | 808362 | Ariidae | |
| Elopidae | | <i>Arius heudeloti</i> | 804552 |
| <i>Elops saurus</i> | 808190 | Plotosidae | |
| Polychaeta | | <i>Plotosus anguillaris</i> | 805205 |
| As food for fish | | Gadidae | |
| Dasyatiidae | | <i>Gadus morhua</i> | 805283 |
| <i>Dasyatis centroura</i> | 804187 | | 807421 |
| Rajidae | 806420 | <i>Gaidropsarus mediterraneus</i> | 808035 |
| Holocentridae | 806763 | <i>Melanogrammus aeglefinus</i> | 805656 |
| Blenniidae | 805656 | | 807421 |
| <i>Hypsoblennius</i> | 807230 | Merlucciidae | |
| Clinidae | 807230 | <i>Merluccius productus</i> | 808717 |
| <i>Cristiceps argentatus</i> | 805656 | Ophidiidae | |
| Pholididae | | <i>Otophidium taylori</i> | 807230 |
| <i>Enebrina nebulosa</i> | 805205 | Zoaridae | |
| Tripterygiidae | | <i>Lycodopsis pacifica</i> | 807500 |
| <i>Tripterygion tripteronotus</i> | 805656 | Gobiesociformes | 805656 |
| Gobiidae | | Argentinidae | |
| | 805656 | <i>Argentina sphyraena</i> | 804534 |
| | 806634 | Alepisauridae | |
| | 807092 | <i>Alepisaurus</i> | 807697 |
| <i>Boleophthalmus dussumieri</i> | 805722 | Myciophidae | 805924 |
| <i>Thorogobius ephippiatus</i> | 805403 | Oligochaeta | |
| Labridae | | As food for fish | |
| <i>Halichoeres poecilopterus</i> | 805205 | Acipenseromorpha | |
| <i>Halichoeres tenuispinnis</i> | 805205 | <i>Acipenser gueldenstaedti</i> | 807671 |
| <i>Pinelometopon pulchrum</i> | 807230 | <i>Acipenser ruthenus</i> | 807671 |
| <i>Pseudolabrus japonicus</i> | 805205 | Channiformes | |
| Branchiostegidae | | <i>Channa striata</i> | 806966 |
| <i>Caulolatilus princeps</i> | 807230 | Mastacembelidae | |
| Chaetodontidae | 807092 | <i>Mastacembelus armatus</i> | 808579 |
| Embiotocidae | 807230 | Cottidae | |
| <i>Embiotoca jacksoni</i> | 807188 | <i>Cottus beldingi</i> | 808721 |
| <i>Hypsurus caryi</i> | 807188 | <i>Cottus gobio</i> | 805601 |
| <i>Phanerodon furcatus</i> | 807188 | Anguillidae | |
| <i>Rhacochilus toxotes</i> | 807188 | <i>Anguilla anguilla</i> | 806449 |
| <i>Rhacochilus vacca</i> | 807188 | Characidae | |
| Gerreidae | 805205 | <i>Acestrorhynchus</i> | 807120 |
| Kyphosidae | | Cyprinidae | 804897 |
| <i>Girella nigricans</i> | 807230 | <i>Blicca bjoerkna</i> | 804076 |
| <i>Medialuna californiensis</i> | 807230 | <i>Cyprinus carpio</i> | 807690 |
| <i>Microcanthus strigatus</i> | 807092 | <i>Gobio gobio</i> | 804077 |
| Lethrinidae | 808582 | <i>Leuciscus cephalus</i> | 808460 |
| Lutjanidae | 806763 | <i>Leuciscus leuciscus</i> | 805118 |
| Mullidae | | | 805956 |
| <i>Mulloidichthys dentatus</i> | 808465 | Mormyridae | 808972 |
| Pomacentridae | 807092 | Amblyopsidae | |
| <i>Chromis punctipinnis</i> | 807230 | <i>Chologaster agassizi</i> | 804436 |
| <i>Hypsypops rubicunda</i> | 807230 | Young | |
| Pomadasyidae | | Centrarchidae | |
| <i>Anisotremus davidsoni</i> | 807230 | <i>Micropterus salmoides</i> | 806131 |
| <i>Anisotremus interruptus</i> | 808465 | Percidae | |
| <i>Haemulon sexfasciatum</i> | 808465 | <i>Perca fluviatilis</i> | 806131 |
| <i>Xenistius californiensis</i> | 807230 | <i>Stizostedion lucioperca</i> | 806131 |
| Sciaenidae | | Esocidae | |
| <i>Chelotrema saturnum</i> | 807230 | <i>Esox lucius</i> | 806131 |
| <i>Johnius dussumieri</i> | 806372 | Body content | |
| <i>Microgogon undulatus</i> | 808663 | Biochemistry | 808232 |
| <i>Pseudotolithus elongatus</i> | 805648 | As food for fish | 808232 |
| Serranidae | | Hirudinea | |
| <i>Paralabrax clathratus</i> | 807229 | As food for fish | |
| <i>Paralabrax nebulifer</i> | 807230 | Acipenseromorpha | |
| Sparidae | 807230 | <i>Acipenser ruthenus</i> | 808444 |
| <i>Chrysophrys auratus</i> | 806043 | Percidae | |
| <i>Lagodon rhomboides</i> | 808663 | <i>Perca fluviatilis</i> | 807446 |
| Polynemoidae | | Salmonidae | |
| | | <i>Salmo salar</i> | 807440 |

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|------------------------------------|--------|--------------------------------------|--------|-----------------------|
| <i>Chasmichthys dolichognathus</i> | 806228 | Lobotidae | | Environmental factors |
| <i>Chasmichthys gulosus</i> | 806228 | <i>Datniodius quadrifasciatus</i> | 808579 | (continued) |
| <i>Gobius niger</i> | 806118 | Lutjanidae | 806763 | |
| <i>Gobius ophiocephalus</i> | 806118 | <i>Lutjanus argentiventris</i> | 808465 | |
| <i>Gobius paganellus</i> | 806118 | <i>Lutjanus jahngarah</i> | 806964 | |
| <i>Phyllonodon breviceps</i> | 808362 | <i>Lutjanus novemfasciatus</i> | 808217 | Crustacea |
| <i>Rhinogobius plauini</i> | 805205 | <i>Lutjanus russelli</i> | 808465 | |
| <i>Sagamia genionema</i> | 805205 | Mullidae | 807092 | |
| <i>Scartelaos viridis</i> | 809057 | <i>Mulloidichthys dentatus</i> | 808465 | |
| <i>Thorogobius ephippiatus</i> | 805403 | <i>Upeneus sulphureus</i> | 807092 | |
| Labridae | | Pempheridae | | |
| <i>Bodianus diplotaenia</i> | 808465 | <i>Pempheris</i> | 807092 | |
| <i>Duymaeria flagellifera</i> | 805205 | Percidae | | |
| <i>Halichoeres poecilopterus</i> | 805205 | <i>Perca flavescens</i> | 807446 | |
| <i>Halichoeres tenuispinnis</i> | 805205 | <i>Stizostedion canadense</i> | 804525 | |
| <i>Oxyulius californica</i> | 807230 | <i>Stizostedion lucioperca</i> | 806484 | |
| <i>Pimelometopon pulchrum</i> | 807188 | <i>Stizostedion vitreum</i> | 806115 | |
| | 807230 | | 807791 | |
| <i>Pseudolabrus japonicus</i> | 805205 | Plesiopidae | | |
| <i>Thalassoma lucasanum</i> | 808465 | <i>Plesiops melas</i> | 807092 | |
| Mastacembelidae | | Pomacentridae | 807092 | |
| <i>Mastacembelus armatus</i> | 808579 | <i>Abudefduf troschelii</i> | 808465 | |
| Mugiloidae | | <i>Chromis atrilobata</i> | 808465 | |
| <i>Mugil brasiliensis</i> | 807092 | <i>Chromis punctipinnis</i> | 807230 | |
| <i>Mugil cephalus</i> | 807322 | <i>Hypsypops rubicunda</i> | 807230 | |
| <i>Mugil curema</i> | 808189 | <i>Pomacentrus jenkinsi</i> | 805106 | |
| <i>Mugil incilis</i> | 808189 | Pomadasysidae | | |
| <i>Mugil saliens</i> | 807322 | <i>Anisotremus davidsoni</i> | 807230 | |
| Nototheniidae | | <i>Anisotremus interruptus</i> | 808465 | |
| <i>Notothenia gibberifrons</i> | 808011 | <i>Lythrum flaviguttatum</i> | 808465 | |
| <i>Trematomus newnesi</i> | 808011 | <i>Microlepidotus inornatus</i> | 808465 | |
| Apogonidae | | <i>Pomadasys hastia</i> | 808579 | |
| <i>Apogon doederleini</i> | 807092 | <i>Xenichthys xanti</i> | 808465 | |
| <i>Apogon retrosella</i> | 808465 | <i>Xenistius californiensis</i> | 807230 | |
| Branchiostegidae | | Pseudochromidae | | |
| <i>Caulolatilus princeps</i> | 807230 | <i>Dampiera spiloptera</i> | 807092 | |
| Carangidae | | Sciaenidae | 808579 | |
| <i>Carangoides malabaricus</i> | 807978 | <i>Cheilodroma saturnum</i> | 807230 | |
| <i>Caranx marginatus</i> | 808465 | <i>Cynoscion nobilis</i> | 807230 | |
| <i>Decapterus punctatus</i> | 807276 | <i>Cynoscion virescens</i> | 807029 | |
| <i>Gnathodon speciosus</i> | 808465 | <i>Johnius dussumieri</i> | 806372 | |
| <i>Selar crumenophthalmus</i> | 808465 | <i>Micropogon undulatus</i> | 808663 | |
| <i>Trachinotus carolinus</i> | 807034 | <i>Pareques viola</i> | 808465 | |
| | 807837 | <i>Pseudosciaena coibor</i> | 808586 | |
| <i>Trachinotus falcatus</i> | 807837 | <i>Pseudosciaena diacanthus</i> | 808570 | |
| Centrarchidae | | <i>Pseudotolithus elongatus</i> | 805648 | |
| <i>Micropterus punctulatus</i> | 807864 | <i>Pseudotolithus senegalensis</i> | 805648 | |
| <i>Micropterus salmoides</i> | 807807 | <i>Pseudotolithus typus</i> | 805648 | |
| <i>Pomoxis annularis</i> | 808796 | <i>Umbrina xanti</i> | 808465 | |
| Centropomidae | | Serranidae | | |
| <i>Ambassis nama</i> | 806932 | <i>Alphesites multiguttatus</i> | 808465 | |
| Chaetodontidae | | <i>Epinephelus caeruleopunctatus</i> | 807092 | |
| <i>Heniochus nigrirostris</i> | 808465 | <i>Morone saxatilis</i> | 806649 | |
| Cichlidae | | <i>Mycteroperca rosacea</i> | 808465 | |
| <i>Haplochromis</i> | 806349 | <i>Paralabrax clathratus</i> | 807188 | |
| <i>Hemihaplochromis multicolor</i> | 804708 | | 807229 | |
| Coryphaenidae | | | 807230 | |
| <i>Coryphaena hippurus</i> | 805449 | <i>Paralabrax nebulifer</i> | 807230 | |
| Embiotocidae | | | | |
| <i>Amphistichus argenteus</i> | 805609 | Sparidae | | |
| <i>Amphistichus koelzi</i> | 805609 | <i>Chrysophrys auratus</i> | 806043 | |
| <i>Amphistichus rhodotus</i> | 805609 | <i>Lagodon rhomboides</i> | 808663 | |
| <i>Brachyistius frenatus</i> | 805609 | Theraponidae | | |
| <i>Cymatogaster aggregata</i> | 805609 | <i>Therapon oxyrhynchus</i> | 805205 | |
| <i>Dibrema temminckii</i> | 805205 | Polynemoidae | 804280 | |
| <i>Embiotoca jacksoni</i> | 805609 | <i>Eleutheronema tetradactylus</i> | 808579 | |
| | 807188 | Scombridae | | |
| <i>Embiotoca lateralis</i> | 805609 | <i>Euthynnus alletteratus</i> | 806419 | |
| <i>Hyperprosopon anale</i> | 805609 | <i>Euthynnus pelamis</i> | 806214 | |
| <i>Hyperprosopon argenteum</i> | 805609 | | 806419 | |
| <i>Hyperprosopon ellipticum</i> | 805609 | | 808364 | |
| <i>Hypsurus caryi</i> | 805609 | | 808664 | |
| | 807188 | <i>Scomber tapinocephalus</i> | 807928 | |
| <i>Phanerodon furcatus</i> | 805609 | <i>Thunnus</i> | 806419 | |
| | 807188 | <i>Thunnus alalunga</i> | 808147 | |
| <i>Rhacochilus toxotes</i> | 805609 | | 808364 | |
| | 807188 | | 808474 | |
| <i>Rhacochilus vacca</i> | 805609 | <i>Thunnus albacares</i> | 808982 | |
| | 807188 | | 805449 | |
| <i>Zalemblus rosaceus</i> | 805609 | | 808473 | |
| Ephippidae | | | 808664 | |
| <i>Drepane punctata</i> | 808579 | <i>Thunnus obesus</i> | 808982 | |
| Gerreidae | 805205 | Centrolophidae | 808473 | |
| Grammistidae | | <i>Schedophilus pamarco</i> | 806775 | |
| <i>Rypiticus bicolor</i> | 808465 | Pleuronectiformes | 804972 | |
| Kyphosidae | | Bothidae | | |
| <i>Cirella melanichthys</i> | 807092 | <i>Paralichthys californicus</i> | 807230 | |
| <i>Cirella nigricans</i> | 807230 | <i>Xystreus loiepis</i> | 807188 | |
| <i>Hermosilla azurea</i> | 807230 | Pleuronectidae | | |
| <i>Medialuna californiensis</i> | 807230 | <i>Atheresthes stomias</i> | 808717 | |
| <i>Microcanthus strigatus</i> | 807092 | <i>Eopsetta jordani</i> | 808717 | |
| Letrinidae | 808582 | | | |

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|--------------------------------------|-------------------------------------|----------------------------|------------------------------------|--------|--------|
| Environmental factors (continued) | <i>Glyptocephalus cynoglossus</i> | 808140 | Catostomidae | | |
| | <i>Hippoglossus hippoglossus</i> | 808126 | <i>Catostomus commersoni</i> | | 806115 |
| | <i>Lepidopsetta bilineata</i> | 807906 | Cobitidae | | |
| | <i>Reinhardtius hippoglossoides</i> | 807106 | <i>Botia lohachacta</i> | | 806932 |
| Crustacea | | 807767 | <i>Cobitis taenia</i> | | 804897 |
| | Scophthalmidae | | | | 808456 |
| | <i>Scophthalmus macoticus</i> | 807774 | Cyprinidae | | 804897 |
| | Congiopodidae | | | | 807333 |
| | <i>Hypodytes rubripinnis</i> | 805205 | | | 808456 |
| Cottidae | | | <i>Barbus holubi</i> | | 806121 |
| | <i>Artedius creaseri</i> | 807788 | <i>Barbus kolus</i> | | 808571 |
| | <i>Cottus beldingi</i> | 808721 | <i>Blicca bjoerkna</i> | | 804076 |
| | <i>Cottus gobio</i> | 805601 | <i>Carassius auratus</i> | | 807740 |
| | | 805961 | <i>Catla catla</i> | | 808593 |
| | <i>Pseudoblennius cottoides</i> | 805205 | <i>Cirrhina mrigala</i> | | 806966 |
| | <i>Pseudoblennius percoides</i> | 805205 | | | 808593 |
| | <i>Scorpaenichthys marmoratus</i> | 807230 | Cyprinus carpio | | 806121 |
| | <i>Taurulus bubalis</i> | 805601 | | | 806484 |
| | <i>Vellott centropomus</i> | 805205 | <i>Ericymba buccata</i> | | 807003 |
| Cyclopteridae | | | <i>Gila elegans</i> | | 807794 |
| | <i>Liparis mucosus</i> | 807230 | <i>Gila robusta</i> | | 807794 |
| | <i>Liparis pulchellus</i> | 807635 | <i>Gobio gobio</i> | | 804077 |
| | Hexagrammidae | | <i>Labeo calbasu</i> | | 808593 |
| | <i>Oxylebius pictus</i> | 807230 | <i>Labeo capensis</i> | | 806121 |
| Platycephaloidei | | | <i>Labeo rohita</i> | | 808593 |
| | <i>Platycephalus indicus</i> | 808579 | <i>Labeo umbratus</i> | | 806121 |
| | Scorpaenidae | 807230 | <i>Leucaspis delineatus</i> | | 805690 |
| | <i>Scorpaena guttata</i> | 807188 | <i>Leuciscus cephalus</i> | | 808460 |
| | <i>Scorpaenodes guamensis</i> | 807092 | <i>Notropis hudsonius</i> | | 807446 |
| | <i>Sebastes flavidus</i> | 807482 | <i>Oxygaster bacalla</i> | | 806901 |
| | <i>Sebastes inermis</i> | 805205 | <i>Phoxinus phoxinus</i> | | 805961 |
| | <i>Sebastes marmoratus</i> | 805205 | <i>Ptychocheilus lucius</i> | | 807090 |
| Balistidae | | | | | 807794 |
| | <i>Brachaluteres ulvarum</i> | | <i>Richardsonius egregius</i> | | 808730 |
| | Tetraodontidae | 805205 | <i>Rutilus rutilus</i> | | 806484 |
| | <i>Monacanthus cirrhifer</i> | 805205 | | | |
| | <i>Monacanthus japonicus</i> | 805205 | <i>Scardinius erythrophthalmus</i> | | 808354 |
| | <i>Rudarius erodes</i> | 805205 | Ariidae | | 808579 |
| | <i>Sufflamen verres</i> | 808465 | <i>Arius heudeloti</i> | | 804552 |
| Mollidae | | | | | |
| | <i>Ranzania laevis</i> | 804144 | Bagridae | | 808579 |
| | Tetraodontidae | | <i>Myxus gulo</i> | | |
| | <i>Arothron hispidus</i> | 807092 | Clariidae | | |
| | <i>Arothron meleagris</i> | 807092 | <i>Clarias gariepinus</i> | | 806121 |
| Atherinidae | | | Ictaluridae | | |
| | <i>Atherinops affinis</i> | 807230 | <i>Ictalurus furcatus</i> | | 808514 |
| | <i>Atheron elymus</i> | 807092 | <i>Ictalurus punctatus</i> | | 808514 |
| | <i>Menidia biviensis</i> | 807835 | Pangasidae | | |
| Cyprinodontidae | | <i>Pangasius pangasius</i> | | 808572 | |
| | <i>Epiplatys bifasciatus</i> | 808275 | Plotosidae | | |
| | <i>Fundulus kansae</i> | 807834 | <i>Plotosus anguillar</i> | | 805205 |
| Poeciliidae | | | Siluridae | | |
| | <i>Gambusia affinis</i> | 807179 | <i>Ompok pabda</i> | | 806966 |
| | Belontiidae | | <i>Wallagonia attu</i> | | 806966 |
| | <i>Strongylura strongylura</i> | 808579 | Notopteridae | | |
| Clupeidae | | | <i>Notopterus chitala</i> | | 806966 |
| | <i>Alosa brachycephala</i> | 807717 | Bregmacrotidae | | |
| | <i>Alosa caspia</i> | 805365 | <i>Bregmaceros maclellandi</i> | | 805924 |
| | <i>Alosa kessleri</i> | 807717 | Gadidae | | |
| | | 807748 | <i>Gadus morhua</i> | | 805283 |
| | <i>Alosa macotica</i> | 805365 | | | 807421 |
| | <i>Alosa pontica</i> | 805365 | | | 808035 |
| | <i>Clupea harengus</i> | 808914 | | | 808292 |
| | <i>Hilsa hilsa</i> | 809007 | <i>Gaidropsarus mediterraneus</i> | | 805656 |
| | <i>Opisthonema oglinum</i> | 807033 | <i>Melanogrammus aeglefinus</i> | | 807421 |
| | <i>Opisthonotus tardoore</i> | 808574 | <i>Micromesistius putassou</i> | | 808045 |
| | <i>Sardinella longiceps</i> | 808595 | Macrouridae | | |
| Engraulidae | | 808579 | <i>Macrourus rupestris</i> | | 808129 |
| | <i>Engraulis japonicus</i> | 806761 | Merlucciidae | | |
| | <i>Engraulis ringens</i> | 804334 | <i>Merluccius merluccius</i> | | 808297 |
| | | 808386 | <i>Merluccius productus</i> | | 808717 |
| Anguillidae | | | Ophidiidae | | 805709 |
| | <i>Anguilla anguilla</i> | 805974 | <i>Otophidium taylori</i> | | 807230 |
| | <i>Anguilla australis</i> | 808362 | Zoaridae | | |
| | <i>Anguilla dieffenbachii</i> | 808362 | <i>Lycodopsis pacifica</i> | | 807500 |
| | <i>Anguilla japonica</i> | 805205 | <i>Rhinophila dearborni</i> | | 805616 |
| Muraenidae | | | Gobiesociformes | | 805656 |
| | <i>Echidna nebulosa</i> | 807092 | <i>Lepadichthys frenatus</i> | | 807092 |
| | <i>Gymnothorax mordax</i> | 807230 | Amblyopsidae | | |
| | | | <i>Chologaster agassizi</i> | | 804436 |
| Ophichthidae | | | Argentinidae | | |
| | <i>Myxichthys tigrinus</i> | 808465 | <i>Argentina aliciae</i> | | 808661 |
| | Elmidae | | <i>Argentina sphyraena</i> | | 804534 |
| | <i>Elops saurus</i> | 808190 | Myctophidae | | 805924 |
| Megalopidae | | | Paralepididae | | |
| | <i>Megalops atlantica</i> | 808186 | <i>Paralepis</i> | | 807715 |
| | <i>Megalops cynnoides</i> | 808579 | Osmeridae | | |
| | | 809005 | <i>Hypomesus olidus</i> | | 806851 |
| Characidae | | | <i>Osmerus eperlanus</i> | | 807687 |
| | <i>Acestrothorampus</i> | 807120 | <i>Osmerus mordax</i> | | 807862 |
| | <i>Acestrothoracichthys</i> | 807120 | Salmonidae | | |
| | <i>Alevis jageti</i> | 805053 | <i>Coregonus mukun</i> | | 804566 |
| | <i>Muraenesca aculeata</i> | 805053 | <i>Coregonus peled</i> | | 808353 |
| | | | <i>Coregonus sardinella</i> | | 806851 |

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| <i>Oncorhynchus</i> | 807484 | Galaxiidae | | | |
| <i>Oncorhynchus gorbusha</i> | 804955 | <i>Galaxias</i> | 803771 | Environmental factors | |
| | 805432 | Use in biological control | | (continued) | |
| | 807731 | Vascular plants | | | |
| | 808910 | Salmonidae | | | |
| <i>Oncorhynchus keta</i> | 804955 | <i>Salmo gairdneri</i> | 808798 | Crustacea | |
| | 805432 | Branchiopoda | | | |
| | 806646 | As food for fish | | | |
| | 807443 | Percidae | | | |
| | 807731 | <i>Perca fluviatilis</i> | 806514 | | |
| <i>Oncorhynchus kisutch</i> | 808910 | Cyprinidae | 804897 | | |
| | 808526 | Copepoda | | | |
| <i>Oncorhynchus nerka</i> | 808910 | Experimental analysis | | | |
| | 805432 | Cyprinodontidae | | | |
| | 806851 | <i>Fundulus chrysotus</i> | 804917 | | |
| | | <i>Jordanella floridae</i> | 804917 | | |
| | 807800 | Description and occurrence | | | |
| | 808910 | Clupeidae | | | |
| | 808911 | <i>Alosa kessleri</i> | 807712 | | |
| <i>Presopium cylindraceum</i> | 807774 | <i>Clupeonella delicatula</i> | 807712 | | |
| <i>Salmo salar</i> | 805961 | As food for fish | | | |
| | 807440 | Syngnathidae | | | |
| <i>Salmo trutta</i> | 805961 | <i>Syngnathus nigrolineatus</i> | 804897 | | |
| | 806621 | <i>Syngnathus phlegon</i> | 807715 | | |
| | 808362 | Gobiidae | | | |
| <i>Salvelinus fontinalis</i> | 806972 | <i>Pomatoschistus marmoratus</i> | 806118 | | |
| <i>Salvelinus namaycush</i> | 808528 | <i>Pomatoschistus microps</i> | 806118 | | |
| <i>Stenodus leucichthys</i> | 806835 | <i>Trimma tevegae</i> | 804275 | | |
| Chauliodontidae | | Nototheniidae | | | |
| <i>Chauliodus sloanei</i> | 805924 | <i>Trematomus borchgrevinki</i> | 805048 | | |
| Gonostomatidae | | Centrarchidae | | | |
| <i>Cyclothone</i> | 807715 | <i>Lepomis macrochirus</i> | 804917 | | |
| <i>Vinciguerria</i> | 807715 | <i>Lepomis punctatus</i> | 804917 | | |
| <i>Vinciguerria nimbaria</i> | 805924 | Clupeidae | | | |
| Experimental analysis | | <i>Clupea harengus</i> | 808047 | | |
| Cyprinidae | | <i>Clupeonella cultriventris</i> | 804897 | | |
| <i>Hypophthalmichthys molitrix</i> | 807653 | <i>Ilisa indica</i> | 804285 | | |
| Larva | | Cobitidae | | | |
| Clupeidae | | <i>Cobitis taenia</i> | 804897 | | |
| <i>Clupeonella delicatula</i> | 807732 | Cyprinidae | 804897 | | |
| Engraulidae | | Amblyopsidae | | | |
| <i>Engraulis encrasicolus</i> | 807670 | <i>Chologaster agassizi</i> | 804436 | | |
| Fry | | Myctophidae | | | |
| Centrarchidae | | <i>Benthoema simile</i> | 805924 | | |
| <i>Lepomis macrochirus</i> | 803711 | Paralepididae | | | |
| Serranidae | | <i>Paralepis</i> | 807715 | | |
| <i>Morone saxatilis</i> | 806671 | Salmonidae | | | |
| Salmonidae | | <i>Oncorhynchus</i> | 807484 | | |
| <i>Oncorhynchus kisutch</i> | 806024 | Gonostomatidae | | | |
| Young | | <i>Cyclothone</i> | 807715 | | |
| Centrarchidae | | <i>Vinciguerria</i> | 807715 | | |
| <i>Micropterus salmoides</i> | 806131 | Experimental analysis | | | |
| <i>Pomoxis annularis</i> | 806166 | Salmonidae | | | |
| Percidae | | <i>Oncorhynchus keta</i> | 807443 | | |
| <i>Perca fluviatilis</i> | 804054 | Larva | | | |
| <i>Stizostedion canadense</i> | 806131 | Clupeidae | | | |
| <i>Stizostedion lucioperca</i> | 806166 | <i>Clupea harengus</i> | 804396 | | |
| Sciaenidae | 806131 | <i>Clupeonella delicatula</i> | 807732 | | |
| <i>Aplodinotus grunniens</i> | 806166 | <i>Sardina pilchardus</i> | 804529 | | |
| Esocidae | | Idiacanthidae | | | |
| <i>Esox lucius</i> | 806131 | <i>Idiacanthus</i> | 804056 | | |
| Change with age | | Young | | | |
| Cyprinidae | | Engraulidae | | | |
| <i>Hypophthalmichthys molitrix</i> | 807653 | <i>Engraulis ringens</i> | 804334 | | |
| Reservoirs | | As parasite | | | |
| Percidae | | Carangidae | | | |
| <i>Perca fluviatilis</i> | 806259 | <i>Trachinotus carolinus</i> | 807837 | | |
| Salmonidae | | <i>Trachinotus falcatus</i> | 807837 | | |
| <i>Salmo trutta</i> | 806259 | Cyprinidae | | | |
| As symbiont of fish | | <i>Barbus lacerta</i> | 807267 | | |
| Cleaning symbiosis | | As predator | | | |
| Pomacentridae | | Fry | | | |
| <i>Chromis punctipinnis</i> | 807188 | Cyprinidae | 806179 | | |
| As commensal | | Seasonal changes | | | |
| Teleostei | 805070 | Incidence of infection | | | |
| Rachycentridae | | Cyprinidae | | | |
| <i>Rachycentron canadum</i> | 805070 | <i>Vimba vimba</i> | 807046 | | |
| Diodontidae | | Intensity of infection | | | |
| <i>Diodon hystrix</i> | 803654 | Cyprinidae | | | |
| Exocoetidae | | <i>Vimba vimba</i> | 807046 | | |
| <i>Hyporhamphus unifasciatus</i> | 805070 | Distribution of infection | | | |
| As predator | | Icelidae | | | |
| Larva | | <i>Triglops murrayi</i> | 805489 | | |
| Engraulidae | | Cyprinidae | | | |
| <i>Engraulis encrasicolus</i> | 807670 | <i>Aristichthys nobilis</i> | 808235 | | |
| Body content | | <i>Ctenopharyngodon idella</i> | 808235 | | |
| Biochemistry | 808232 | <i>Hypophthalmichthys molitrix</i> | 808235 | | |
| As food for fish | 808232 | Incidence of infection | | | |
| Host and parasite phylogeny | | Gadidae | | | |
| Galaxiidae | | <i>Merlangius merlangus</i> | 807104 | | |
| <i>Galaxias</i> | 803771 | Incidence of infection | | | |
| Parasite systematics | | Rajidae | | | |
| | | <i>Raja radiata</i> | 807391 | | |

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| Environmental factors (continued) | Gasterosteidae | | Alepisauridae | |
| | <i>Gasterosteus aculeatus</i> | 804488 | <i>Alepisaurus</i> | 804887 |
| Crustacea | <i>Gasterosteus wheatlandi</i> | 804488 | Parasite life history | |
| | Labridae | | Heterodontiformes | |
| | <i>Pimelometopon pulchrum</i> | 807188 | <i>Heterodontus phillipi</i> | 804310 |
| | Embiotocidae | 803779 | Teleostei | 807293 |
| | Scorpaenidae | | Cyprinidae | |
| | <i>Sebastes alutus</i> | 807909 | <i>Cyprinus carpio</i> | 806454 |
| | Cyprinidae | | Salmonidae | 804878 |
| | <i>Notropis baileyi</i> | 80780 | Host specificity | |
| | <i>Phoxinus phoxinus</i> | 808216 | Gasterosteidae | |
| | Salmonidae | | <i>Gasterosteus aculeatus</i> | 804123 |
| | <i>Salmo salar</i> | 806879 | <i>Pungitius pungitius</i> | 804123 |
| | <i>Salvelinus fontinalis</i> | 803585 | Percidae | |
| Change with age | | | <i>Perca fluviatilis</i> | 804123 |
| Gadidae | | | Pleuronectidae | |
| <i>Onos cimbrius</i> | 806461 | | <i>Reinhardtius hippoglossoides</i> | 803990 |
| <i>Onos mustelus</i> | 806461 | | Scorpaenidae | |
| Seasonal changes | | | <i>Sebastes marinus</i> | 803990 |
| Percidae | | | Cyprinidae | 804123 |
| <i>Perca flavescens</i> | 807394 | | Gadidae | |
| Clupeidae | | | <i>Gadus morhua</i> | 803990 |
| <i>Hilsa ilisha</i> | 808577 | | Salmonidae | 804123 |
| Distribution of infection | | | Host parasite interactions | |
| Gadidae | | | Rajidae | |
| <i>Merlangius merlangus</i> | 804959 | | <i>Raja binoculata</i> | 806975 |
| Salmonidae | | | Squalidae | |
| <i>Salmo salar</i> | 807917 | | <i>Somniosus microcephalus</i> | 807348 |
| Intensity of infection | | | Embiotocidae | 803779 |
| Gasterosteidae | | | Percidae | |
| <i>Gasterosteus aculeatus</i> | 807495 | | <i>Perca fluviatilis</i> | 804134 |
| Syngnathidae | | | Serranidae | |
| <i>Syngnathus crissolineatus</i> | 807495 | | <i>Morone saxatilis</i> | 806649 |
| Ammodytidae | | | Scombridae | |
| <i>Ammodytes hexapterus</i> | 807495 | | <i>Thunnus albacares</i> | 804226 |
| Pholididae | | | Pleuronectidae | |
| <i>Apodichthys flavidus</i> | 807495 | | <i>Atheresthes stomias</i> | 807402 |
| Centrarchidae | | | Hexagrammidae | |
| <i>Ambloplites rupestris</i> | 803939 | | <i>Ophiodon elongatus</i> | 807532 |
| <i>Lepomis gibbosus</i> | 803939 | | Exocoetidae | 806458 |
| <i>Micropterus dolomieu</i> | 803939 | | Cyprinidae | |
| Embiotocidae | | | <i>Notropis baileyi</i> | 803780 |
| <i>Cymatogaster aggregata</i> | 807495 | | Salmonidae | |
| Percidae | | | <i>Salmo trutta</i> | 803772 |
| <i>Perca flavescens</i> | 803939 | | <i>Salvelinus fontinalis</i> | 804134 |
| Pleuronectidae | | | Distribution of infection | 803585 |
| <i>Platichthys stellatus</i> | 807495 | | Serranidae | |
| Agonidae | | | <i>Morone americana</i> | 806512 |
| <i>Agonus acipenserinus</i> | 807495 | | Host specificity | |
| Cottidae | 807495 | | Percidae | |
| Hexagrammidae | 807495 | | <i>Perca flavescens</i> | 806512 |
| Clupeidae | | | Serranidae | |
| <i>Brevortia</i> | 807787 | | <i>Morone americana</i> | 806512 |
| Gadidae | | | Parasite systematics | 806886 |
| <i>Onos cimbrius</i> | 806461 | | Chimaeromorpha | |
| <i>Onos mustelus</i> | 806461 | | <i>Hydrolagus affinis</i> | 807357 |
| Host parasite interactions | | | Alopiidae | |
| Gadidae | | | <i>Alopias vulpinus</i> | 806839 |
| <i>Merlangius merlangus</i> | 804959 | | Carcharhinidae | |
| Intensity of infection | | | <i>Prionace glauca</i> | 806366 |
| Lampridae | | | Cetorhinidae | |
| <i>Lampris regius</i> | 804887 | | <i>Cetorhinus maximus</i> | 806839 |
| Carangidae | | | Isuridae | |
| <i>Elagatis bipinnulata</i> | 804887 | | <i>Carcharodon carcharias</i> | 806839 |
| <i>Nauarates ductor</i> | 804887 | | <i>Isurus oxyrinchus</i> | 806839 |
| Coryphaenidae | | | Anarhichadidae | |
| <i>Coryphaena equisetis</i> | 804887 | | <i>Anarhichas lupus</i> | 807357 |
| <i>Coryphaena hippurus</i> | 804887 | | Centrarchidae | |
| Echeneidae | | | <i>Lepomis</i> | 807408 |
| <i>Remora remora</i> | 804887 | | Embiotocidae | |
| Embiotocidae | 803779 | | <i>Rhacochilus toxotes</i> | 803778 |
| Gempylidae | | | Kyphosidae | |
| <i>Gempylus serpens</i> | 804887 | | <i>Medialuna californiensis</i> | 803778 |
| Scombridae | 804887 | | Pomacentridae | |
| Sphyraenidae | | | <i>Chromis punctipinnis</i> | 803778 |
| <i>Sphyraena</i> | 804887 | | <i>Hypsypops rubicunda</i> | 803778 |
| Experimental analysis | | | Serranidae | |
| Carangidae | | | <i>Hypoplectrodes nigriruber</i> | 806494 |
| <i>Seriola quinqueradiata</i> | 807947 | | Scombridae | |
| Incidence of infection | | | <i>Thunnus alalunga</i> | 803952 |
| Scombridae | 804887 | | Trichiuridae | |
| Parasite life history | | | <i>Lepidopus caudatus</i> | 803951 |
| Carangidae | | | Bothidae | |
| <i>Seriola quinqueradiata</i> | 807947 | | <i>Citharichthys spilopterus</i> | 803738 |
| Host parasite interactions | | | <i>Paralichthys</i> | 803738 |
| Semionotomorpha | | | <i>Pseudorhombus dupliciocularis</i> | 806494 |
| <i>Lepisosteus platyrhincus</i> | 804917 | | Cottidae | |
| Centrarchidae | 804490 | | <i>Cottus kessleri</i> | 807531 |
| Coryphaenidae | | | Diodontidae | |
| <i>Coryphaena hippurus</i> | 804887 | | <i>Allomycterus jaculiferus</i> | 803951 |
| Percidae | | | Tetraodontidae | |
| <i>Perca flavescens</i> | 804490 | | <i>Lagocephalus laevigatus</i> | 803738 |
| Scombridae | 804887 | | | |

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|-------------------------------------|--------|-------------------------------------|--------|-----------------------|
| Clupeidae | | Incidence of infection | | Environmental factors |
| <i>Alosa chrysochloris</i> | 807408 | Carangidae | | (continued) |
| Congridae | | <i>Trachinotus carolinus</i> | 804222 | |
| <i>Conger verreauxi</i> | 806839 | Atherinidae | | |
| Cyprinidae | | <i>Atherina boyeri</i> | 806418 | Insecta |
| <i>Chondrostoma nasus</i> | 803940 | Seasonal changes | | |
| Ictaluridae | | Clupeidae | | |
| <i>Ictalurus</i> | 807408 | <i>Brevoortia</i> | 807787 | |
| Batrachoidiformes | | Intensity of infection | | |
| <i>Porichthys porosissimus</i> | 803738 | Embiotocidae | | |
| Gadidae | | <i>Cymatogaster aggregata</i> | 807495 | |
| <i>Lota lota</i> | 807408 | Parasite life history | | |
| | 807531 | Exocoetidae | | |
| Macrouridae | | <i>Reporhamphus ihi</i> | 806567 | |
| <i>Macrourus</i> | 807357 | Euphausiacea | | |
| Zoaridae | | Description and occurrence | | |
| <i>Lycodes</i> | 807357 | As food for fish | | |
| <i>Lycodes reticulatus</i> | 807432 | Merlucciidae | | |
| Salmonidae | 807531 | <i>Merluccius productus</i> | 808312 | |
| Distribution of infection | | As food for fish | | |
| Chimaeromorpha | | Rajidae | | |
| <i>Chimaera monstrosa</i> | 807409 | <i>Raja georgiana</i> | 807663 | |
| Rajidae | 807409 | Squalidae | | |
| Squalomorpha | 807409 | <i>Etmopterus spinax</i> | 804695 | |
| Acipenseromorpha | 807409 | <i>Squalus acanthias</i> | 804695 | |
| Teleostei | 807409 | Teleostei | 804695 | |
| Host specificity | | Channichthyidae | | |
| Chimaeromorpha | | <i>Neopagetopsis ionah</i> | 807663 | |
| <i>Chimaera monstrosa</i> | 807409 | Nototheniidae | | |
| Rajidae | 807409 | <i>Notothenia macrocephala</i> | 807663 | |
| Squalomorpha | 807409 | <i>Trematomus bernacchi</i> | 808011 | |
| Acipenseromorpha | 807409 | <i>Trematomus newnesi</i> | 808011 | |
| Teleostei | 807409 | Carangidae | | |
| Salmonidae | | <i>Carangoides malabaricus</i> | 807978 | |
| <i>Oncorhynchus tshawytscha</i> | 806840 | Gempylidae | | |
| <i>Salmo trutta</i> | 806840 | <i>Diplosinus multistriatus</i> | 806067 | |
| Clearing | | <i>Thyrstes atun</i> | 804831 | |
| Parasite systematics | 805357 | Scombridae | | |
| Decapoda | | <i>Scomber tapinocephalus</i> | 807928 | |
| As food for fish | | Trichiuridae | | |
| Centropomidae | | <i>Lepidopus caudatus</i> | 808130 | |
| <i>Lates niloticus</i> | 805378 | <i>Paradiplosinus gracilis</i> | 807663 | |
| Serranidae | | Centrolophidae | | |
| <i>Plectropomus maculatus</i> | 805724 | <i>Schedophilus pamarco</i> | 806775 | |
| Polynemoidei | 804280 | Pleuronectidae | | |
| Bothidae | | <i>Atheresthes stomias</i> | 808717 | |
| <i>Paralichthys lethostigma</i> | 805068 | Scorpaenidae | | |
| Pleuronectidae | | <i>Sebastes flavidus</i> | 807482 | |
| <i>Hippoglossus hippoglossus</i> | 805331 | <i>Sebastes goodei</i> | 808717 | |
| <i>Lyopsetta exilis</i> | 805693 | Gadidae | | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | <i>Micromesistius australis</i> | 807663 | |
| Poeciliidae | | <i>Micromesistius putassou</i> | 808045 | |
| <i>Poecilia vivipara</i> | 803698 | Macrouridae | | |
| Anguillidae | | <i>Macrourus rupestris</i> | 808129 | |
| <i>Anguilla anguilla</i> | 806449 | Merlucciidae | | |
| Clariidae | | <i>Merluccius productus</i> | 804988 | |
| <i>Clarias gariepinus</i> | 804050 | | 808717 | |
| | 804051 | Paralepididae | | |
| Esocidae | | <i>Paralepis atlantica</i> | 807663 | |
| <i>Esox lucius</i> | 804524 | Experimental analysis | | |
| Population changes | | Salmonidae | | |
| Merlucciidae | | <i>Oncorhynchus keta</i> | 807443 | |
| <i>Merluccius productus</i> | 805693 | Insecta | | |
| Seasonal changes | | As food for fish | | |
| Merlucciidae | | Acipenseromorpha | | |
| <i>Merluccius productus</i> | 805693 | <i>Acipenser gueldenstaedti</i> | 807671 | |
| As shelter for fish | | <i>Acipenser ruthenus</i> | 807671 | |
| Gobiidae | | | 808431 | |
| <i>Eleotriodes helsdingeni</i> | 803757 | | 808444 | |
| <i>Vireosa hanae</i> | 803757 | <i>Scaphirhynchus platyrhynchus</i> | 807842 | |
| Egg | | Teleostei | 806023 | |
| Cyclopteridae | | Channiformes | | |
| <i>Careproctus</i> | 804888 | <i>Channa marulius</i> | 806966 | |
| As symbiont of fish | | <i>Channa striatus</i> | 806966 | |
| Gobiidae | | Gasterosteidae | | |
| <i>Amblyeleotris japonicus</i> | 803757 | <i>Gasterosteus aculeatus</i> | 805961 | |
| <i>Cryptocentrus sungami</i> | 804711 | | 805965 | |
| As commensal | | | 806851 | |
| Gobiidae | | | 807256 | |
| <i>Typhlogobius californiensis</i> | 808137 | <i>Pungitius pungitius</i> | 806851 | |
| Isopoda | | Anabantidae | | |
| As food for fish | | <i>Ctenopoma muriei</i> | 804708 | |
| Gempylidae | | Belontiidae | | |
| <i>Thyrstes atun</i> | 804831 | <i>Colisa fasciata</i> | 806932 | |
| Clupeidae | | Blenniidae | 805656 | |
| <i>Alosa pseudoharengus</i> | 807863 | Chnidae | | |
| Osmeridae | | <i>Cristiceps argentatus</i> | 805656 | |
| <i>Osmerus mordax</i> | 807863 | Tripterygiidae | | |
| Salmonidae | | <i>Tripterygion tripteronotus</i> | 805656 | |
| <i>Salvelinus fontinalis</i> | 807863 | Gobiidae | 805656 | |
| As parasite | | | 806634 | |
| Carangidae | | <i>Philypnodon brevipes</i> | 808362 | |
| <i>Trachinotus carolinus</i> | 807837 | | | |
| <i>Trachinotus falcatus</i> | 807837 | | | |

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|--------------------------------------|------------------------------------|--------|---------------------------------|--------|
| Environmental factors (continued) | Mugiloidae | | Pangasiidae | |
| | <i>Mugil cephalus</i> | 807322 | <i>Pangasius pangasius</i> | 808572 |
| | <i>Mugil saliens</i> | 807322 | Schilbeidae | |
| | Carangidae | | <i>Eutropichthys vacha</i> | 808579 |
| | <i>Trachinotus carolinus</i> | 807837 | Siluridae | |
| | <i>Trachinotus falcatus</i> | 807837 | <i>Ompok pabda</i> | 806966 |
| Insecta | Centrarchidae | 806273 | <i>Wailagonia attu</i> | 806966 |
| | <i>Lepomis gibbosus</i> | 804897 | Notopteridae | |
| | <i>Micropterus punctulatus</i> | 807864 | <i>Notopterus chitala</i> | 806966 |
| | <i>Micropterus salmoides</i> | 805555 | Gadidae | |
| | | 807807 | <i>Lota lota</i> | 806834 |
| | <i>Pomoxis annularis</i> | 808796 | Amblyopsidae | |
| | Centropomidae | | <i>Chologaster agassizi</i> | 804436 |
| | <i>Ambassis nama</i> | 806932 | Esocidae | |
| | <i>Lates niloticus</i> | 805378 | <i>Esox lucius</i> | 804524 |
| | | 808975 | Umbridae | |
| | Cichlidae | 804217 | <i>Umbra limi</i> | 809049 |
| | <i>Haplochromis</i> | 806349 | Myctophidae | |
| | <i>Hemihaplochromis multicolor</i> | 804708 | <i>Goniichthys coccoi</i> | 806662 |
| | Percidae | | Osmeridae | |
| | <i>Perca flavescens</i> | 807446 | <i>Hypomesus olidus</i> | 806851 |
| | <i>Perca fluviatilis</i> | 807718 | <i>Osmerus mordax</i> | 805541 |
| | <i>Stizostedion canadense</i> | 804525 | | 807862 |
| | <i>Stizostedion lucioperca</i> | 806484 | | 807863 |
| | <i>Stizostedion vitreum</i> | 806115 | Salmonidae | |
| | | 807791 | <i>Coregonus peled</i> | 808353 |
| | Sciaenidae | | <i>Coregonus sardinella</i> | 806851 |
| | <i>Aplodinotus grunniens</i> | 806166 | <i>Oncorhynchus</i> | 807484 |
| | Cottidae | | <i>Oncorhynchus gorbusha</i> | 806643 |
| | <i>Cottus beldingi</i> | 808721 | <i>Oncorhynchus keta</i> | 806645 |
| | <i>Cottus gobio</i> | 805601 | | 806646 |
| | | 805961 | <i>Oncorhynchus kisutch</i> | 808912 |
| | Atherinidae | | <i>Oncorhynchus nerka</i> | 808526 |
| | <i>Menidia extensa</i> | 807835 | | 806105 |
| | Cyprinodontidae | | | 806851 |
| | <i>Epiplatys bifasciatus</i> | 808275 | <i>Oncorhynchus tshawytscha</i> | 807256 |
| | <i>Fundulus kansae</i> | 807834 | <i>Salmo gairdneri</i> | 806025 |
| | Poeciliidae | | | 806025 |
| | <i>Gambusia affinis</i> | 807179 | | 806105 |
| | Clupeidae | | <i>Salmo salar</i> | 808526 |
| | <i>Alosa brashnikovi</i> | 807717 | | 805961 |
| | <i>Alosa kessleri</i> | 807717 | | 806879 |
| | <i>Alosa pseudoharengus</i> | 807863 | | 807440 |
| | Anguillidae | | <i>Salmo trutta</i> | 805961 |
| | <i>Anguilla anguilla</i> | 805974 | | 806621 |
| | | 806449 | | 808362 |
| | <i>Anguilla australis</i> | 808362 | <i>Salvelinus alpinus</i> | 805541 |
| | <i>Anguilla dieffenbachii</i> | 808362 | | 806989 |
| | Elopiidae | | | 807696 |
| | <i>Elops saurus</i> | 808190 | <i>Salvelinus fontinalis</i> | 805541 |
| | Megalopidae | | | 807863 |
| | <i>Megalops atlantica</i> | 808186 | | 808491 |
| | <i>Megalops cyprinoides</i> | 809005 | <i>Salvelinus malma</i> | 808876 |
| | Characidae | | <i>Salvelinus namaycush</i> | 804200 |
| | <i>Acestrorhampus</i> | 807120 | <i>Stenodus leucichthys</i> | 808528 |
| | <i>Alestes dageti</i> | 805053 | As food for fish | 806835 |
| | <i>Alestes macrophthalmus</i> | 804392 | Cyprinodontidae | |
| | <i>Micralestes acutidens</i> | 805053 | <i>Cyprinodon nevadensis</i> | 806973 |
| | Catostomidae | 808486 | Poeciliidae | |
| | <i>Catostomus commersoni</i> | 806115 | <i>Gambusia affinis</i> | 806973 |
| | <i>Catostomus platyrhynchus</i> | 807795 | | |
| | <i>Moxostoma carinatum</i> | 804165 | Fry | |
| | Cobitidae | | Serranidae | |
| | <i>Cobitis taenia</i> | 804897 | <i>Morone saxatilis</i> | 806671 |
| | Cyprinidae | 804897 | Salmonidae | |
| | <i>Barbus holubi</i> | 807333 | <i>Oncorhynchus kisutch</i> | 806024 |
| | <i>Barbus lotus</i> | 806121 | Young | |
| | <i>Barbus sophore</i> | 808571 | Centrarchidae | |
| | <i>Blicca bjoerkna</i> | 806932 | <i>Micropterus salmoides</i> | 806131 |
| | <i>Carassius auratus</i> | 804076 | Percidae | |
| | <i>Cyprinus carpio</i> | 807740 | <i>Perca fluviatilis</i> | 804054 |
| | | 806121 | | 806131 |
| | | 806484 | <i>Stizostedion lucioperca</i> | 806131 |
| | | 807690 | Esocidae | |
| | <i>Erycymba buccata</i> | 807003 | <i>Esox lucius</i> | 806131 |
| | <i>Gila elegans</i> | 807794 | As parasite | |
| | <i>Gila robusta</i> | 807090 | Experimental analysis | |
| | | 807794 | Clariidae | |
| | <i>Gobio gobio</i> | 804077 | <i>Clarias batrachus</i> | 803975 |
| | <i>Labco capensis</i> | 806121 | As predator | |
| | <i>Labco umbratus</i> | 806121 | Cyprinodontidae | |
| | <i>Leucaspis delineatus</i> | 805690 | <i>Epiplatys bifasciatus</i> | 808275 |
| | <i>Leuciscus cephalus</i> | 808460 | Body content | |
| | <i>Nitrops hudsonius</i> | 807446 | Biochemistry | |
| | <i>Oxygaster bacaila</i> | 806901 | As food for fish | 808232 |
| | <i>Phoxinus phoxinus</i> | 805961 | | |
| | <i>Psychocheilus lucius</i> | 807794 | Mollusca | |
| | <i>Richardsonius egregius</i> | 808730 | Description and occurrence | |
| | <i>Rutilus rutilus</i> | 806484 | Salmonidae | |
| | | 807716 | <i>Oncorhynchus nerka</i> | 807117 |
| | <i>Scardinius erythrophthalmus</i> | 808354 | <i>Salvelinus leucomaenis</i> | 807117 |
| | Iteluridae | | As food for fish | |
| | <i>Itelurus furcatus</i> | 808514 | Dasyatidae | |
| | <i>Itelurus punctatus</i> | 808514 | <i>Dasyatis centroura</i> | 804187 |
| | | | <i>Dasyatis imbricata</i> | 808579 |

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|-------------------------------------|--------|-------------------------------------|--------|--------------------------------------|
| Rajidae | 806420 | <i>Haemulon sexfasciatum</i> | 808465 | Environmental factors (continued) |
| Squalidae | | <i>Micropodotus inornatus</i> | 808465 | |
| <i>Somniosus microcephalus</i> | 807348 | Sciaenidae | | |
| <i>Acipenseromorpha</i> | | <i>Johnius dussumieri</i> | 806372 | |
| <i>Acipenser gueldenstaedti</i> | 807671 | <i>Micropogon undulatus</i> | 808863 | |
| <i>Acipenser ruthenus</i> | 806761 | <i>Pseudosciaena cobor</i> | 808586 | Mollusca |
| Holocentridae | 806763 | <i>Pseudosciaena diacanthus</i> | 808570 | |
| <i>Myripristis leiognathus</i> | 808465 | <i>Pseudolithus senegalensis</i> | 805648 | |
| Gasterosteidae | | <i>Pseudolithus typus</i> | 805648 | |
| <i>Gasterosteus aculeatus</i> | 805961 | <i>Umbrina xanti</i> | 808465 | |
| | 805965 | Serranidae | | |
| | 807256 | <i>Alphesthes multiguttatus</i> | 808465 | |
| Blenniidae | 805656 | <i>Paralabrax clathratus</i> | 807188 | |
| Chaenopsidae | | | 807229 | |
| <i>Acanthemblemaria macrospilus</i> | 808465 | <i>Paralabrax nebulifer</i> | 807230 | |
| Clinidae | 807230 | | 807188 | |
| <i>Cristiceps argentatus</i> | 805656 | | 807230 | |
| <i>Labrisomus xanti</i> | 808465 | | | |
| Pholididae | | Sparidae | | |
| <i>Enedrias nebulosus</i> | 805205 | <i>Chrysophrys auratus</i> | 806043 | |
| Tripterygiidae | | <i>Lagodon rhomboides</i> | 808663 | |
| <i>Tripterygion tripteronotus</i> | 805656 | <i>Lithognathus olivieri</i> | 806541 | |
| Gobiidae | 805656 | Polynemoidae | | |
| | 806634 | <i>Polydactylus sextarius</i> | 804280 | |
| <i>Amblyeleotris japonicus</i> | 803757 | Istiophoridae | | |
| <i>Chasmichthys dolichognathus</i> | 806228 | <i>Istiophorus platypterus</i> | 805449 | |
| <i>Philypnodon breviceps</i> | 808362 | <i>Makaira indica</i> | 808982 | |
| | | <i>Makaira nigricans</i> | 805449 | |
| Labridae | | | 808473 | |
| <i>Bodianus diplotaenia</i> | 808465 | | 808982 | |
| <i>Duymaeria flagellifera</i> | 805205 | <i>Tetrapterus albidus</i> | 805449 | |
| <i>Halichoeres poecilopterus</i> | 805205 | <i>Tetrapterus angustirostris</i> | 808473 | |
| <i>Halichoeres semicinctus</i> | 807230 | | 808474 | |
| <i>Halichoeres tenuispinnis</i> | 805205 | | 808982 | |
| <i>Oxyjulis californica</i> | 807230 | <i>Tetrapterus audax</i> | 808474 | |
| <i>Pimelometopon pulchrum</i> | 807188 | | 808982 | |
| | 807230 | Scombridae | | |
| <i>Pseudolabrus japonicus</i> | 805205 | <i>Acanthocybium solanderi</i> | 805449 | |
| <i>Tautoga onitis</i> | 805998 | <i>Euthynnus alletteratus</i> | 806419 | |
| <i>Tautoglabrus adspersus</i> | 805998 | <i>Euthynnus pelamis</i> | 806214 | |
| | | | 806419 | |
| Mugiloidae | | | 808364 | |
| <i>Mugil cephalus</i> | 807322 | <i>Scomber tapeinocephalus</i> | 807928 | |
| <i>Mugil saliens</i> | 807322 | <i>Thunnus</i> | 806419 | |
| Nototheniidae | | | 808147 | |
| <i>Notothenia gibberifrons</i> | 808011 | <i>Thunnus alalunga</i> | 808364 | |
| Carangidae | | | 808474 | |
| <i>Caranx carangus</i> | 808579 | | 808982 | |
| <i>Gnathanodon speciosus</i> | 808465 | <i>Thunnus albacares</i> | 805449 | |
| <i>Trachinotus carolinus</i> | 804222 | | 808473 | |
| | 807034 | | 808474 | |
| | 807837 | | 808982 | |
| <i>Trachinotus falcatus</i> | 807837 | <i>Thunnus obesus</i> | 808473 | |
| Centrarchidae | | | 808982 | |
| <i>Lepomis gibbosus</i> | 804897 | | 808474 | |
| Centropomidae | | Pleuronectiformes | 808982 | |
| <i>Lates niloticus</i> | 805378 | Bothidae | 804972 | |
| Chaetodontidae | | <i>Xystreus lyolepis</i> | 807188 | |
| <i>Hemiochus nigrirostris</i> | 808465 | Pleuronectidae | | |
| Coryphaenidae | | <i>Glyptocephalus cynoglossus</i> | 808140 | |
| <i>Coryphaena hippurus</i> | 805449 | <i>Hippoglossus hippoglossus</i> | 805331 | |
| Embiotocidae | 807230 | | 808126 | |
| <i>Amphistichus argenteus</i> | 805609 | <i>Lepidopsetta bilineata</i> | 807906 | |
| <i>Amphistichus rhodotus</i> | 805609 | <i>Reinhardtius hippoglossoides</i> | 807106 | |
| <i>Cymatogaster aggregata</i> | 805609 | | 807767 | |
| <i>Embiotoca jacksoni</i> | 807188 | Scophthalmidae | | |
| | 805609 | <i>Scophthalmus maoticus</i> | 807274 | |
| <i>Embiotoca lateralis</i> | 805609 | Cottidae | | |
| <i>Hyperprosopon ellipticum</i> | 805609 | <i>Cottus beldingi</i> | 808721 | |
| <i>Hypsurus caryi</i> | 805609 | <i>Cottus gobio</i> | 805601 | |
| | 807188 | | 805961 | |
| <i>Phanerodon furcatus</i> | 807188 | <i>Scorpaenichthys marmoratus</i> | 807230 | |
| <i>Rhacochilus toxotes</i> | 807188 | Cyclopteridae | | |
| <i>Rhacochilus vacca</i> | 805609 | <i>Liparis pulchellus</i> | 807635 | |
| | 807188 | Hexagrammidae | | |
| <i>Zalembius rosaceus</i> | 805609 | <i>Ophiodon elongatus</i> | 807230 | |
| Gerreidae | | Scorpaenidae | 807230 | |
| <i>Gerres japonicus</i> | 805205 | <i>Scorpaena guttata</i> | 807188 | |
| <i>Gerres macrostoma</i> | 805205 | <i>Sebastes flavidus</i> | 807482 | |
| Kyphosidae | | Balistidae | | |
| <i>Girella nigricans</i> | 807230 | <i>Brachaluteres ulvarum</i> | | |
| Leiognathidae | | Tetraodontidae | 805205 | |
| <i>Leiognathus equulus</i> | 808579 | <i>Monacanthus cirrhifer</i> | 805205 | |
| Lethrinidae | 808582 | <i>Monacanthus japonicus</i> | 805205 | |
| Lutjanidae | 806763 | <i>Sufflamen verres</i> | 808465 | |
| <i>Lutjanus argentiventris</i> | 808465 | Triacanthidae | | |
| Mullidae | | <i>Triacanthus brevirostris</i> | 808579 | |
| <i>Mulloidichthys dentatus</i> | 808465 | Clupeidae | | |
| Percidae | | <i>Alosa brashnikovii</i> | 807717 | |
| <i>Perca flavescens</i> | 807446 | <i>Alosa kessleri</i> | 807717 | |
| Pomacentridae | | <i>Hilsa ilisha</i> | 809007 | |
| <i>Hypsopops rubicunda</i> | 807230 | <i>Opisthonema oglinum</i> | 807033 | |
| <i>Pomacentrus rectifracnum</i> | 808465 | Anguillidae | | |
| Pomadasysidae | | <i>Anguilla anguilla</i> | 805974 | |
| <i>Anisotremus davidsoni</i> | 807230 | | 806449 | |
| <i>Anisotremus interruptus</i> | 808465 | | | |

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|--------------------------------------|--------------------------------------|--------|------------------------------------|--------|
| Environmental factors (continued) | <i>Anguilla australis</i> | 808362 | Incidence of infection | |
| | <i>Anguilla dieffenbachii</i> | 808362 | Intensity of infection | |
| | Elopidae | | Centrarchidae | 804490 |
| | <i>Elops saurus</i> | 808190 | Percidae | |
| | Megalopidae | | <i>Perca flavescens</i> | 804490 |
| | <i>Megalops atlantica</i> | 808186 | Serranidae | |
| | Characidae | | <i>Morone americana</i> | 804490 |
| | <i>Alestes dageti</i> | 805053 | Host parasite interactions | |
| | Catostomidae | | Centrarchidae | 804490 |
| | <i>Moxostoma carinatum</i> | 804165 | Percidae | |
| | Cyprinidae | 804897 | <i>Perca flavescens</i> | 804490 |
| | <i>Barbus kolus</i> | 808571 | Serranidae | |
| | <i>Blicca bjoerkna</i> | 804076 | <i>Morone americana</i> | 804490 |
| | Ariidae | | | 806512 |
| | <i>Ostecogeneiosus militaris</i> | 808579 | Host parasite interactions | |
| | Bagridae | | Immunological reactions | |
| | <i>Myxus gulo</i> | 808579 | Teleostei | 806604 |
| | Pangasiidae | | Rotifera | |
| | <i>Pangasius pangasius</i> | 808572 | As food for fish | |
| | Plotosidae | | Acipenseromorpha | |
| | <i>Plotosus anguillar</i> | 805205 | <i>Acipenser ruthenus</i> | 808444 |
| | Siluridae | | Gasterosteidae | |
| | <i>Ompok pabda</i> | 806966 | <i>Gasterosteus aculeatus</i> | 807256 |
| | Gadidae | | Belontiidae | |
| | <i>Gadus morhua</i> | 807421 | <i>Colisa fasciata</i> | 806932 |
| | <i>Gaidropsarus mediterraneus</i> | 805656 | Engraulidae | |
| | <i>Melanogrammus aeglefinus</i> | 807421 | <i>Engraulis japonicus</i> | 806761 |
| | <i>Micromesistius poutassou</i> | 808045 | Characidae | |
| | Macrouridae | | <i>Alestes dageti</i> | 805053 |
| | <i>Macrourus rupestris</i> | 808129 | <i>Microlestes acutidens</i> | 805053 |
| | Merlucciidae | | Catostomidae | |
| | <i>Merluccius merluccius</i> | 808297 | <i>Catostomus commersoni</i> | 806115 |
| | <i>Merluccius productus</i> | 808717 | Cyprinidae | 804897 |
| | Zoaridae | | <i>Cirrhina mrigala</i> | 808593 |
| | <i>Lycodopsis pacifica</i> | 807500 | <i>Gobio gobio</i> | 804077 |
| | Gobiociformes | 805656 | <i>Leucaspius delineatus</i> | 805690 |
| | Argentinidae | | <i>Leuciscus cephalus</i> | 805344 |
| | <i>Argentina sphyraena</i> | 804534 | <i>Oxygaster bacaila</i> | 806901 |
| | Alepisauridae | | <i>Rutilus rutilus</i> | 806484 |
| | <i>Alcipsaurus</i> | 807697 | | 807716 |
| | Myctophidae | | <i>Scardinius erythrophthalmus</i> | 808354 |
| | <i>Centrobranchus nigroocellatus</i> | 806935 | Notopteridae | |
| | Salmonidae | | <i>Notopterus chitala</i> | 806966 |
| | <i>Oncorhynchus</i> | 807484 | Larva | |
| | <i>Oncorhynchus gorbusha</i> | 804955 | Clupeidae | |
| | | 805432 | <i>Clupeonella delicatula</i> | 807732 |
| | | 807731 | | |
| | | 808910 | Fry | |
| | <i>Oncorhynchus keta</i> | 804955 | Serranidae | |
| | | 805432 | <i>Morone saxatilis</i> | 806671 |
| | | 807731 | Cyprinidae | |
| | <i>Oncorhynchus kisutch</i> | 808526 | <i>Hypophthalmichthys molitrix</i> | 807653 |
| | <i>Oncorhynchus nerka</i> | 805432 | Chaetognatha | |
| | | 808910 | As food for fish | |
| | <i>Salmo salar</i> | 805961 | Carangidae | |
| | | 807440 | <i>Decapterus punctatus</i> | 807276 |
| | <i>Salmo trutta</i> | 806621 | Polynemoidae | |
| | | 808362 | <i>Polydactylus sextarius</i> | 804280 |
| | <i>Salvelinus alpinus</i> | 805541 | Scombridae | |
| | As predator | | <i>Scomber tapeinocephalus</i> | 807928 |
| | Scorpaenidae | | Stromateoidei | |
| | <i>Scorpaena guttata</i> | 804274 | <i>Amarsipus carlsbergi</i> | 806816 |
| | Larva | | Gadidae | |
| | Syngnathidae | | <i>Micromesistius poutassou</i> | 808045 |
| | <i>Syngnathus phlegon</i> | 807715 | Argentinidae | |
| | Clupeidae | | <i>Argentina sphyraena</i> | 804534 |
| | <i>Clupeonella delicatula</i> | 807732 | Myctophidae | 805924 |
| | Engraulidae | | Salmonidae | |
| | <i>Engraulis encrasicolus</i> | 807670 | <i>Oncorhynchus</i> | 807484 |
| | Myctophidae | 807715 | <i>Oncorhynchus gorbusha</i> | 807731 |
| | | | <i>Oncorhynchus keta</i> | 807731 |
| | Fry | | Bryozoa | |
| | Salmonidae | | As food for fish | |
| | <i>Oncorhynchus kisutch</i> | 806024 | Labridae | |
| | Vector of fish disease | | <i>Halichoeres semicinctus</i> | 807230 |
| | Cyprinidae | 808449 | <i>Oxyulis californica</i> | 807230 |
| | As shelter for fish | | <i>Pimelometopon pulchrum</i> | 807230 |
| | Developing egg | | Branchiostegidae | |
| | Cyprinidae | 806041 | <i>Caulolatilus princeps</i> | 807230 |
| | As parasite | | Embiotocidae | 807230 |
| | Seasonal changes | | <i>Brachyistius frenatus</i> | 805609 |
| | Percidae | | <i>Phanerodon atripes</i> | 805609 |
| | <i>Perca flavescens</i> | 807394 | <i>Kyphosichilus vacca</i> | 807188 |
| | Body content | | Kyphosidae | |
| | Biochemistry | 808232 | <i>Cirella nigricans</i> | 807230 |
| | As food for fish | 808232 | <i>Medialuna californiensis</i> | 807230 |
| | Larva | | Pomacentridae | |
| | Attachment to fish | | <i>Chromis punctipinnis</i> | 807230 |
| | Teleostei | 808501 | <i>Hypsopops rubicunda</i> | 807230 |
| | Seasonal changes | | Serranidae | |
| | As parasite | | <i>Paralabrax clathratus</i> | 807230 |
| | Cyprinidae | | | |
| | <i>Vimba vimba</i> | 807046 | | |

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|-----------------------------------|--------|--------------------------------------|--------|--|
| Balistidae | | <i>Salmo gairdneri</i> | 806105 | Environmental factors (continued) |
| <i>Monacanthus cirrhifer</i> | 805205 | <i>Salmo trutta</i> | 805382 | |
| <i>Rudarius ercodes</i> | 805205 | Egg | | |
| Atherinidae | | Gasterosteidae | | |
| <i>Atherinops affinis</i> | 807230 | <i>Gasterosteus aculeatus</i> | 804439 | |
| Cyprinidae | 804897 | Salmonidae | | |
| Echinodermata | | <i>Salmo clarki</i> | 804439 | |
| As food for fish | | Larva | | |
| Teleostei | 807315 | Centrarchidae | | |
| Blenniidae | 805656 | <i>Lepomis cyanellus</i> | 803504 | |
| Clinidae | | Young | | |
| <i>Cristiceps argentatus</i> | 805656 | Esocidae | | |
| <i>Labrisomus xanti</i> | 808465 | <i>Esox lucius</i> | 806131 | |
| Gobiidae | 805656 | Use as test animal | | |
| Labridae | | Gonadotropin | | |
| <i>Halichoeres semicinctus</i> | 807230 | Cyprinidae | | |
| <i>Pimelometopon pulchrum</i> | 807230 | <i>Cyprinus carpio</i> | 805683 | |
| <i>Tautoglabrus adpersus</i> | 807315 | Reptilia | | |
| Branchiostegidae | | As food for fish | | |
| <i>Caulolatilus princeps</i> | 807230 | Squalomorpha | 807607 | |
| Embiotocidae | 807230 | As commensal | | |
| <i>Embiotoca jacksoni</i> | 805609 | Echeneidae | | |
| Kyphosidae | | <i>Echeneis naucrates</i> | 807243 | |
| <i>Girella nigricans</i> | 807230 | <i>Remora remora</i> | 807243 | |
| <i>Medialuna californiensis</i> | 807230 | As predator | | |
| Lethrinidae | 808582 | Teleostei | 803611 | |
| Mulidae | | Experimental analysis | | |
| <i>Mulloidichthys dentatus</i> | 808465 | Ictaluridae | | |
| Pomacentridae | | <i>Ictalurus melas</i> | 806912 | |
| <i>Hypsypops rubicunda</i> | 807230 | Descriptive evolution | | |
| Pomadasyidae | | Teleostei | 807940 | |
| <i>Xenistius californiensis</i> | 807230 | Aves | | |
| Serranidae | | As predator | | |
| <i>Paralabrax clathratus</i> | 807188 | Teleostei | 805420 | |
| <i>Paralabrax nebulifer</i> | 807229 | Ammodytidae | | |
| | 807188 | <i>Ammodytes</i> | 804065 | |
| | 807230 | Pholididae | | |
| Sparidae | | <i>Pholis gunnellus</i> | 804065 | |
| <i>Chrysophrys auratus</i> | 806043 | Cichlidae | | |
| Pleuronectiformes | 804972 | <i>Tilapia heudeloti</i> | 808275 | |
| Pleuronectidae | | Percidae | | |
| <i>Glyptocephalus cynoglossus</i> | 808140 | <i>Perca flavescens</i> | 807446 | |
| <i>Lepidopsetta bilineata</i> | 807906 | Pleuronectidae | 804065 | |
| <i>Microstomus pacificus</i> | 808717 | Cottidae | | |
| Scorpaenidae | 807230 | <i>Myoxocephalus scorpius</i> | 804065 | |
| Balistidae | | Cyprinodontidae | | |
| <i>Sufflamen verres</i> | 808465 | <i>Epiplatys bifasciatus</i> | 808275 | |
| Atherinidae | | Clupeidae | | |
| <i>Atherinops affinis</i> | 807230 | <i>Sprattus sprattus</i> | 804065 | |
| Aridae | | Engraulidae | | |
| <i>Arius heudeloti</i> | 804552 | <i>Engraulis ringens</i> | 805574 | |
| Gadidae | | Anguillidae | | |
| <i>Melanogrammus aeglefinus</i> | 807421 | <i>Anguilla anguilla</i> | 804065 | |
| Zoaridae | | Cyprinidae | | |
| <i>Macrozoarces americanus</i> | 807207 | <i>Notropis hudsonius</i> | 807446 | |
| Gobiociformes | 805656 | Gadidae | 804065 | |
| <i>Dellichthys morelandi</i> | 804277 | Zoaridae | | |
| As shelter for fish | | <i>Zoarces viviparus</i> | 804065 | |
| Teleostei | 804417 | Salmonidae | | |
| Carapidae | 808788 | <i>Salmo salar</i> | 804065 | |
| <i>Carapus bermudensis</i> | 807589 | <i>Salmo trutta</i> | 804065 | |
| As predator | | Vector of fish disease | | |
| Egg | | Teleostei | 808428 | |
| Pomacentridae | 804919 | Mammalia | | |
| Protochordata | | As food for fish | | |
| As food for fish | | Squalidae | | |
| Gobiidae | 806634 | <i>Somniosus microcephalus</i> | 807348 | |
| Labridae | | As commensal | | |
| <i>Pimelometopon pulchrum</i> | 807230 | Echeneidae | | |
| Branchiostegidae | | <i>Echeneis naucrates</i> | 807243 | |
| <i>Caulolatilus princeps</i> | 807230 | <i>Remora remora</i> | 807243 | |
| Lethrinidae | 808582 | As predator | | |
| Serranidae | | Petromyzontomorpha | | |
| <i>Paralabrax clathratus</i> | 807188 | <i>Entosphenus tridentatus</i> | 807320 | |
| Sparidae | | Rajidae | | |
| <i>Chrysophrys auratus</i> | 806043 | <i>Raja</i> | 805518 | |
| <i>Lagodon rhomboides</i> | 808663 | Squalidae | | |
| Scombridae | | <i>Somniosus</i> | 805518 | |
| <i>Euthynnus pelamis</i> | 808364 | Gasterosteidae | | |
| <i>Scomber tapeinocephalus</i> | 807928 | <i>Gasterosteus aculeatus</i> | 807320 | |
| <i>Thunnus</i> | 806419 | Trachipteridae | 808874 | |
| <i>Thunnus alalunga</i> | 808364 | Ammodytidae | | |
| Pleuronectiformes | 804972 | <i>Ammodytes hexapterus</i> | 807320 | |
| Engraulidae | | Nototheniidae | | |
| <i>Engraulis ringens</i> | 808386 | <i>Dissostichus mawsoni</i> | 804557 | |
| Myctophidae | 805924 | | 805616 | |
| Salmonidae | | <i>Trematomus borchgrevinki</i> | 805048 | |
| <i>Oncorhynchus</i> | 807484 | Comephoridae | | |
| Amphibia | | <i>Comephorus baicalensis</i> | 807760 | |
| As food for fish | | <i>Comephorus dybowsi</i> | 807760 | |
| Centrarchidae | | Cottocomephoridae | | |
| <i>Micropterus salmoides</i> | 806167 | <i>Cottocomephorus comephoroides</i> | 807760 | |
| Salmonidae | | <i>Cottocomephorus grewingki</i> | 807760 | |
| <i>Oncorhynchus nerka</i> | 806105 | | | |

| Environmental factors (continued) | | | | | |
|--------------------------------------|------------------------------------|--|--------|--|--|
| | Cylopteridae | | | | |
| | <i>Cyclopterus lumpus</i> | | 805518 | | |
| | Anoploporomatidae | | | | |
| | <i>Anoploporoma fimbria</i> | | 807320 | | |
| | Hexagrammidae | | | | |
| | <i>Pleurogrammus monopterygius</i> | | 807320 | | |
| | Scorpaenidae | | | | |
| | <i>Sebastes</i> | | 805518 | | |
| | Scomberesocidae | | | | |
| | <i>Cololabis saira</i> | | 807320 | | |
| | Clupeidae | | | | |
| | <i>Clupea harengus</i> | | 807320 | | |
| | Engraulidae | | | | |
| | <i>Engraulis mordax</i> | | 807320 | | |
| | Gadidae | | 805518 | | |
| | <i>Theragra chalcogramma</i> | | 807320 | | |
| | Merlucciidae | | | | |
| | <i>Merluccius productus</i> | | 807320 | | |
| | Lophiidae | | | | |
| | <i>Lophius piscatorius</i> | | 805518 | | |
| | Bathylagidae | | 807320 | | |
| | Myctophidae | | 807320 | | |
| | | | 808874 | | |
| | Paralepididae | | 808874 | | |
| | <i>Paralepis atlantica</i> | | 808734 | | |
| | Osmeridae | | | | |
| | <i>Thaleichthys pacificus</i> | | 807320 | | |
| | Salmonidae | | | | |
| | <i>Oncorhynchus</i> | | 807320 | | |
| | Experimental analysis | | | | |
| | | | 804153 | | |
| | | | 804671 | | |
| | Salmonidae | | | | |
| | Population changes | | | | |
| | Scomberesocidae | | | | |
| | <i>Cololabis saira</i> | | 808874 | | |
| | Engraulidae | | | | |
| | <i>Engraulis mordax</i> | | 808874 | | |
| | Merlucciidae | | | | |
| | <i>Merluccius productus</i> | | 808874 | | |
| | Availability and use of food | | | | |
| | Percidae | | | | |
| | <i>Perca fluviatilis</i> | | 803935 | | |
| | Anguillidae | | | | |
| | <i>Anguilla anguilla</i> | | 803935 | | |
| | Cyprinidae | | | | |
| | <i>Phoxinus phoxinus</i> | | 803935 | | |
| | <i>Rutilus rutilus</i> | | 803935 | | |
| | Gadidae | | | | |
| | <i>Lota lota</i> | | 803935 | | |
| | Esocidae | | | | |
| | <i>Esox lucius</i> | | 803935 | | |
| | Salmonidae | | | | |
| | <i>Salmo trutta</i> | | 803935 | | |
| | Seasonal changes | | | | |
| | Scomberesocidae | | | | |
| | <i>Cololabis saira</i> | | 808874 | | |
| | Engraulidae | | | | |
| | <i>Engraulis mordax</i> | | 808874 | | |
| | Merlucciidae | | | | |
| | <i>Merluccius productus</i> | | 808874 | | |
| | Plankton | | | | |
| | Description and occurrence | | | | |
| | Elasmobranchii | | 808288 | | |
| | | | 808982 | | |
| | Acipenseromorpha | | 808464 | | |
| | Teleostei | | 806132 | | |
| | | | 807701 | | |
| | | | 808250 | | |
| | | | 808288 | | |
| | | | 808310 | | |
| | | | 808464 | | |
| | | | 808471 | | |
| | | | 808476 | | |
| | | | 808630 | | |
| | | | 808982 | | |
| | Ammodytidae | | | | |
| | <i>Ammodytes hexapterus</i> | | 803519 | | |
| | Stichaeidae | | 803519 | | |
| | Gobiidae | | 806678 | | |
| | Scombridae | | | | |
| | <i>Euthynnus pelamis</i> | | 808282 | | |
| | <i>Thunnus</i> | | 808147 | | |
| | <i>Thunnus albacares</i> | | 808282 | | |
| | Hexagrammidae | | | | |
| | <i>Hexagrammos decagrammus</i> | | 803519 | | |
| | Clupeidae | | | | |
| | <i>Clupea harengus</i> | | 807072 | | |
| | | | 808083 | | |
| | | | 808134 | | |
| | Engraulidae | | | | |
| | <i>Engraulis mordax</i> | | 807372 | | |
| | <i>Engraulis ringens</i> | | 808384 | | |
| | | | 808386 | | |
| | Anguillidae | | | | |
| | <i>Anguilla anguilla</i> | | 806814 | | |
| | Cyprinidae | | | | |
| | <i>Catla catla</i> | | 808630 | | |
| | <i>Cirrhina mrigala</i> | | 808615 | | |
| | <i>Cyprinus carpio</i> | | 808615 | | |

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| Bagridae | | Cliniidae | 807230 | Environmental factors (continued) |
| <i>Myxus gulo</i> | 808579 | Gobiidae | 807092 | |
| Antennariidae | | <i>Chasmichthys dolichognathus</i> | 806228 | |
| <i>Histrio histrio</i> | 807092 | <i>Glossogobius giuris</i> | 808579 | Fish-to-fish relationships |
| Osmeridae | | <i>Gobius niger</i> | 806118 | |
| <i>Osmerus mordax</i> | 807863 | <i>Gobius ophioccephalus</i> | 806118 | |
| Salmonidae | | <i>Periophthalmodon schlosseri</i> | 809057 | |
| <i>Coregonus peled</i> | 808353 | Labridae | | |
| <i>Oncorhynchus gorbuscha</i> | 803519 | <i>Bodianus diplotaenia</i> | 808465 | |
| <i>Oncorhynchus keta</i> | 803519 | <i>Duymaeria flagellifera</i> | 805205 | |
| <i>Oncorhynchus nerka</i> | 807762 | <i>Oxyjulis californica</i> | 807230 | |
| <i>Salvelinus alpinus</i> | 807800 | <i>Pinelometopon pulchrum</i> | 807230 | |
| Description and occurrence | 806989 | <i>Pseudolabrus japonicus</i> | 805205 | |
| Teleostei | | Mastacembelidae | | |
| Larva | 808996 | <i>Mastacembelus armatus</i> | 808579 | |
| Engaulidae | | Apogonidae | | |
| <i>Engraulus encrasicolus</i> | 807670 | <i>Apogon doederleini</i> | 807092 | |
| Distribution and occurrence | | <i>Apogon retrosella</i> | 808465 | |
| Experimental analysis | | Branchiostegidae | | |
| Teleostei | 808192 | <i>Caulolatilus princeps</i> | 807230 | |
| Petromyzontomorpha | | Carangidae | 808579 | |
| As food for fish | | <i>Carangoides malabaricus</i> | 807978 | |
| Anguillidae | | <i>Caranx marginatus</i> | 808465 | |
| <i>Anguilla anguilla</i> | 805974 | <i>Decapterus punctatus</i> | 807276 | |
| As predator | | <i>Gnathanodon speciosus</i> | 808465 | |
| Scombridae | | <i>Selar crumenophthalmus</i> | 808465 | |
| <i>Thunnus albacares</i> | 807131 | <i>Selene brevovort</i> | 808465 | |
| Migrations | | Centrarchidae | | |
| Salmonidae | | <i>Micropterus punctulatus</i> | 807864 | |
| <i>Oncorhynchus gorbuscha</i> | 808923 | Centropomidae | | |
| <i>Oncorhynchus nerka</i> | 808923 | <i>Lates calcarifer</i> | 808579 | |
| <i>Entosphenus tridentatus</i> | | Chaetodontidae | | |
| As predator | | <i>Heniochus nigriristris</i> | 808465 | |
| Effect on fish | | Cichlidae | 804217 | |
| Salmonidae | | <i>Haplochromis</i> | 806349 | |
| <i>Oncorhynchus gorbuscha</i> | 808923 | Embiotocidae | | |
| <i>Oncorhynchus nerka</i> | 808923 | <i>Amphistichus rhodoterus</i> | 805609 | |
| Petromyzon marinus | | <i>Hyperprotopon anale</i> | 805609 | |
| As predator | | <i>Hyperprotopon ellipticum</i> | 805609 | |
| Salmonidae | | <i>Rhacochilus toxotes</i> | 805609 | |
| <i>Salmo gairdneri</i> | 805642 | Grammistidae | | |
| <i>Salvelinus namaycush</i> | 807501 | <i>Rypiticus bicolor</i> | 808465 | |
| Elasmobranchii | | Kyphosidae | | |
| As symbiont of fish | | <i>Cirella melanichthys</i> | 807092 | |
| Echeneidae | | <i>Girella nigricans</i> | 807230 | |
| <i>Echeneis albescent</i> | 807243 | <i>Medialuna californiensis</i> | 807230 | |
| <i>Echeneis naucrates</i> | 807243 | <i>Microcanthus strigatus</i> | 807092 | |
| <i>Remora remora</i> | 807243 | Lethrinidae | 808582 | |
| Rajidae | | Lutjanidae | 806763 | |
| <i>Raja hyperborea</i> | | <i>Lutjanus argentiventris</i> | 808465 | |
| As food for fish | | <i>Lutjanus jahngarah</i> | 808217 | |
| Developing egg | | <i>Lutjanus novemfasciatus</i> | 808465 | |
| Squalidae | | <i>Lutjanus russelli</i> | 807092 | |
| <i>Somniosus microcephalus</i> | 807348 | Pempheridae | | |
| Carcharhinidae | | <i>Pempheris</i> | 807092 | |
| <i>Carcharhinus obscurus</i> | | Percidae | | |
| As shelter for fish | | <i>Perca fluviatilis</i> | 807718 | |
| Echeneidae | | <i>Stizostedion lucio-perca</i> | 806484 | |
| <i>Remorina albescent</i> | 807579 | <i>Stizostedion vitreum</i> | 807718 | |
| <i>Galeocerdo cuvieri</i> | | Pomacentridae | 807092 | |
| As shelter for fish | | <i>Abudedefduf troscheli</i> | 808465 | |
| Echeneidae | | <i>Hypsypops rubicunda</i> | 807230 | |
| <i>Remorina albescent</i> | 807579 | Pomadasyidae | | |
| <i>Negaprion brevirostris</i> | | <i>Xenichthys xanti</i> | 808465 | |
| As shelter for fish | | <i>Xenistius californiensis</i> | 807230 | |
| Echeneidae | | Rachycentridae | | |
| <i>Remorina albescent</i> | 807579 | <i>Rachycentron canadum</i> | 808579 | |
| Squalidae | | Sciaenidae | 808579 | |
| <i>Squalus acanthias</i> | | <i>Cheilotrema saturnum</i> | 807230 | |
| As food for fish | | <i>Cynoscion nobilis</i> | 807230 | |
| Echinorhinidae | | <i>Johnius dussumieri</i> | 806372 | |
| <i>Echinorhinus brucus</i> | 807588 | <i>Micropteron undulatus</i> | 808663 | |
| Acipenseromorpha | | <i>Pseudosciaena diacanthus</i> | 808570 | |
| <i>Huso huso</i> | | <i>Umbrina xanti</i> | 808465 | |
| As predator | | Serranidae | | |
| Petromyzontomorpha | | <i>Alphesthes multiguttatus</i> | 808465 | |
| <i>Caspionomyzon wagneri</i> | 807755 | <i>Epinephelus caeruleopunctatus</i> | 807092 | |
| Teleostei | | <i>Epinephelus labriformis</i> | 808465 | |
| As food for fish | | <i>Mycteroperca rosacea</i> | 808465 | |
| Rajidae | 806420 | <i>Paralabrax clathratus</i> | 807188 | |
| Carcharhinidae | 808579 | | 807229 | |
| Holocentridae | 806763 | <i>Paralabrax nebulifer</i> | 807230 | |
| <i>Myripristis leiognathus</i> | 808465 | <i>Plectropomus maculatus</i> | 805724 | |
| Channiformes | | Sparidae | | |
| <i>Channa punctatus</i> | 808579 | <i>Chrysophrys auratus</i> | 806043 | |
| Fistulariidae | | <i>Lagodon rhomboides</i> | 808663 | |
| <i>Fistularia petimba</i> | 808465 | <i>Sparus datnia</i> | 808579 | |
| Blenniidae | | Theraponidae | | |
| <i>Hypsoblennius</i> | 807230 | <i>Therapon jarbua</i> | 808579 | |
| Chaenopsidae | | Polynemoidae | 804280 | |
| <i>Acanthemblemaria macrospilus</i> | 808465 | <i>Eleutheronema tetradactylus</i> | 808579 | |
| <i>Chaenopsis alepidota</i> | 808465 | | | |

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| Environmental factors (continued) | Istiophoridae | | Schilbeidae | |
| | <i>Istiophorus platypterus</i> | 808474 | <i>Eutropichthys vacha</i> | 808579 |
| | <i>Makaira indica</i> | 808982 | Gadidae | |
| Fish-to-fish relationships | <i>Makaira nigricans</i> | 808982 | <i>Gadus morhua</i> | 805283 |
| | <i>Tetrapterus angustirostris</i> | 808473 | | 807421 |
| | <i>Tetrapterus audax</i> | 808982 | <i>Melanogrammus aeglefinus</i> | 808292 |
| | | 808473 | <i>Micromesistius poutassou</i> | 807421 |
| | | 808474 | Macrouridae | 808045 |
| | | 808982 | <i>Macrourus rupestris</i> | 808129 |
| | Scombridae | | Merlucciidae | |
| | <i>Euthynnus alletteratus</i> | 806419 | <i>Merluccius merluccius</i> | 808297 |
| | <i>Euthynnus pelamis</i> | 806214 | <i>Merluccius productus</i> | 808717 |
| | | 806419 | Ophidiidae | |
| | <i>Rastrelliger kanagurta</i> | 808364 | <i>Otophidium taylori</i> | 807230 |
| | <i>Thunnus</i> | 807977 | Esocidae | |
| | | 806419 | <i>Esox lucius</i> | 807718 |
| | <i>Thunnus alalunga</i> | 808147 | Alepisauridae | |
| | | 808364 | <i>Alepisaurus</i> | 807697 |
| | | 808474 | Mycetophidae | 805924 |
| | | 808982 | Osmeridae | |
| | <i>Thunnus albacares</i> | 808473 | <i>Osmerus eperlanus</i> | 807687 |
| | | 808474 | Salmonidae | |
| | <i>Thunnus obesus</i> | 808473 | <i>Oncorhynchus</i> | 807484 |
| | | 808474 | <i>Oncorhynchus gorbuscha</i> | 804955 |
| | | 808982 | | 805432 |
| | Trichiuridae | | <i>Oncorhynchus keta</i> | 807731 |
| | <i>Lepidionus caudatus</i> | 808130 | | 804955 |
| | Sphyrnaeidae | | | 805432 |
| | <i>Sphyrna argentea</i> | 807230 | <i>Salmo salar</i> | 807731 |
| | Pleuronectiformes | 804972 | <i>Salvelinus namaycush</i> | 807440 |
| | Bothidae | | Chauliodontidae | 808528 |
| | <i>Paralichthys californicus</i> | 807230 | <i>Chauliodus sloanei</i> | 805924 |
| | <i>Paralichthys lethostigma</i> | 805068 | Gonostomatidae | |
| | Pleuronectidae | | <i>Vinciguerrina nimbaria</i> | 805924 |
| | <i>Atheresthes stomias</i> | 808717 | Egg | |
| | <i>Glyptocephalus cynoglossus</i> | 808140 | <i>Acipenseromorpha</i> | |
| | <i>Hippoglossus hippoglossus</i> | 805331 | <i>Acipenser gueldenstaedti</i> | 807671 |
| | <i>Reinhardtius hippoglossoides</i> | 807106 | <i>Acipenser ruthenus</i> | 807671 |
| | | 807767 | Clupeidae | |
| | Scophthalmidae | | <i>Ilisa indica</i> | 804285 |
| | <i>Scophthalmus macoticus</i> | 807274 | Ariidae | |
| | Cottidae | | <i>Arius heudeloti</i> | 804552 |
| | <i>Pseudoblennius cottoides</i> | 805205 | Developing egg | |
| | <i>Pseudoblennius marmoratus</i> | 805205 | Cottidae | |
| | <i>Scorpaenichthys marmoratus</i> | 807230 | <i>Cottus gobio</i> | 805601 |
| | Hexagrammidae | | Engraulidae | |
| | <i>Ophiodon elongatus</i> | 807230 | <i>Engraulis ringens</i> | 808386 |
| | <i>Oxylebius pictus</i> | 807230 | Clupeidae | |
| | Scorpaenidae | 807230 | <i>Ilisa indica</i> | 804285 |
| | <i>Scorpaena guttata</i> | 807188 | Young | |
| | <i>Scorpaenodes guamensis</i> | 807092 | Channiformes | |
| | Balistidae | | <i>Channa striatus</i> | 806966 |
| | <i>Momacanthus japonicus</i> | 805205 | Percidae | |
| | <i>Rudarius ercodes</i> | 805205 | <i>Stizostedion lucioperca</i> | 806131 |
| | Cyprinodontidae | | Siluridae | |
| | <i>Fundulus kansae</i> | 807834 | <i>Ompok pabda</i> | 806966 |
| | Belontiidae | | <i>Wallagonia attu</i> | 806966 |
| | <i>Strongylura strongylura</i> | 808579 | Notopteridae | |
| | Clupeidae | | <i>Notopterus chitala</i> | 806966 |
| | <i>Alosa brashnikovii</i> | 807717 | Esocidae | |
| | <i>Alosa caspia</i> | 805365 | <i>Esox lucius</i> | 806131 |
| | <i>Alosa kessleri</i> | 807717 | Salmonidae | |
| | <i>Alosa macotica</i> | 805365 | <i>Oncorhynchus gorbuscha</i> | 808910 |
| | <i>Alosa pontica</i> | 805365 | <i>Oncorhynchus keta</i> | 808910 |
| | Muraenesocidae | | <i>Oncorhynchus kisutch</i> | 808910 |
| | <i>Muraenesox talabonoides</i> | 808579 | As predator | |
| | Muraenidae | | Petromyzontomorpha | |
| | <i>Gymnothorax mordax</i> | 807230 | <i>Caspiomyzon wagneri</i> | 807755 |
| | Megalopidae | | Intertidal zone | |
| | <i>Megalops atlantica</i> | 808186 | Teleostei | 806057 |
| | <i>Megalops cyprinoides</i> | 808579 | Larva | |
| | | 809005 | <i>As food for fish</i> | |
| | Characidae | | Elopiidae | |
| | <i>Acestrorhynchus</i> | 807120 | <i>Elops saurus</i> | 808190 |
| | <i>Alestes dageti</i> | 805053 | Channiformes | |
| | <i>Alestes macrophthalmus</i> | 804392 | <i>Channa obscura</i> | |
| | <i>Micralestes acutidens</i> | 805053 | As predator | |
| | Cyprinidae | 807333 | Cichlidae | |
| | <i>Barbus holubi</i> | 806121 | <i>Tilapia guineensis</i> | 808275 |
| | <i>Cyprinus carpio</i> | 806121 | <i>Tilapia heudeloti</i> | 808275 |
| | <i>Labeo umbratus</i> | 806121 | Cyprinodontidae | |
| | <i>Leuciscus cephalus</i> | 805344 | <i>Epiplatys bilasicius</i> | 808275 |
| | | 808460 | Gasterosteidae | |
| | <i>Ptychocheilus lucius</i> | 807090 | <i>As food for fish</i> | |
| | Ariidae | 808579 | Anguillidae | |
| | Clariidae | | <i>Anguilla anguilla</i> | 805974 |
| | <i>Clarias gariepinus</i> | 806121 | Gasterosteus aculeatus | |
| | Ictaluridae | | <i>As food for fish</i> | |
| | <i>Ictalurus furcatus</i> | 808514 | Petromyzontomorpha | |
| | <i>Ictalurus punctatus</i> | 808514 | <i>Lamprologus japonica</i> | 807008 |
| | Pangasiidae | | | |
| | <i>Pangasius pangasius</i> | 808572 | | |

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| Anguillidae | | <i>Glossogobius giuris</i> | Environmental factors |
| <i>Anguilla anguilla</i> | 806449 | As predator | (continued) |
| Salmonidae | | Cyprinidae | 806132 |
| <i>Salmo salar</i> | 807440 | <i>Gobionellus oceanicus</i> | |
| <i>Pungitius pungitius</i> | | As food for fish | |
| As food for fish | | Elopidae | |
| Anguillidae | | <i>Elops saurus</i> | 808190 |
| <i>Anguilla anguilla</i> | 806449 | <i>Gobionellus smaragdus</i> | |
| Salmonidae | | As food for fish | |
| <i>Salmo salar</i> | 807863 | Elopidae | |
| <i>Salvelinus alpinus</i> | 805541 | <i>Elops saurus</i> | 808190 |
| <i>Salvelinus fontinalis</i> | 807863 | <i>Gobius</i> | |
| <i>Stenodus leucichthys</i> | 806835 | As food for fish | |
| Syngnathidae | | Cyprinidae | 804897 |
| <i>Syngnathus nigrolineatus</i> | | <i>Blicca bjoerkna</i> | 804076 |
| As food for fish | | As predator | |
| Percidae | | Gobiidae | 806634 |
| <i>Perca fluviatilis</i> | 804897 | <i>Pomatoschistus norvegicus</i> | |
| Cyprinidae | 804897 | As food for fish | |
| Esocidae | | Argentinidae | |
| <i>Esox lucius</i> | 804897 | <i>Argentina sphyraena</i> | 804534 |
| Trachipteridae | | Trypauchenidae | |
| <i>Trachipterus altivelis</i> | | <i>Trypauchen vagina</i> | |
| As food for fish | | As food for fish | |
| Molidae | | Sciaenidae | |
| <i>Ranzania laevis</i> | 804144 | <i>Johnius dussumieri</i> | 806372 |
| Siganidae | | Labridae | |
| As food for fish | | As food for fish | |
| Serranidae | | Serranidae | |
| <i>Plectropomus maculatus</i> | 805724 | <i>Plectropomus maculatus</i> | 805724 |
| Ammodytidae | | As predator | |
| As food for fish | | Developing egg | |
| Pleuronectidae | | Pomacentridae | |
| <i>Hippoglossus hippoglossus</i> | 808126 | <i>Abudefduf saxatilis</i> | 806976 |
| <i>Lepidopsetta bilineata</i> | 807906 | <i>Halichoeres dispilus</i> | |
| Salmonidae | | As commensal | |
| <i>Oncorhynchus</i> | 807484 | Feeding | |
| <i>Ammodytes americanus</i> | | Mullidae | |
| As food for fish | | <i>Mulloidichthys dentatus</i> | 808465 |
| Gadidae | | <i>Halichoeres nicholsi</i> | |
| <i>Gadus morhua</i> | 807421 | As commensal | |
| <i>Melanogrammus aeglefinus</i> | 807421 | Feeding | |
| <i>Ammodytes cicerellus</i> | | Mullidae | |
| As food for fish | | <i>Mulloidichthys dentatus</i> | 808465 |
| Clupeidae | | Scaridae | |
| <i>Alosa caspia</i> | 805365 | As food for fish | |
| <i>Alosa maeotica</i> | 805365 | Serranidae | |
| <i>Alosa pontica</i> | 805365 | <i>Plectropomus maculatus</i> | 805724 |
| Anabantidae | | Mugiloidae | |
| <i>Ctenopoma kingsleyae</i> | | As food for fish | |
| As predator | | Larva | |
| Cyprinodontidae | | Xiphiidae | |
| <i>Epiplatys bilasciatus</i> | 808275 | <i>Xiphias gladius</i> | 807692 |
| Blenniidae | | <i>Mugil</i> | |
| As food for fish | | As food for fish | |
| Serranidae | | Ictaluridae | |
| <i>Plectropomus maculatus</i> | 805724 | <i>Ictalurus furcatus</i> | 808514 |
| <i>Blennius palmicornis</i> | | <i>Mugil cephalus</i> | |
| As predator | | As food for fish | |
| Gobiidae | 806634 | Bothidae | |
| <i>Gobius niger</i> | 806118 | <i>Paralichthys lethostigma</i> | 805068 |
| <i>Gobius ophioccephalus</i> | 806118 | Channichthyidae | |
| <i>Gobius paganellus</i> | 806118 | <i>Pseudochaenichthys georgianus</i> | |
| <i>Pomatoschistus marmoratus</i> | 806118 | As food for fish | |
| <i>Pomatoschistus microps</i> | 806118 | Rajidae | |
| <i>Blennius pavo</i> | | <i>Raja georgiana</i> | 807663 |
| As predator | | Nototheniidae | |
| Gobiidae | | <i>Dissostichus mawsoni</i> | |
| <i>Gobius niger</i> | 806118 | As predator | |
| <i>Gobius ophioccephalus</i> | 806118 | Nototheniidae | |
| <i>Gobius paganellus</i> | 806118 | <i>Pleuragramma antarcticum</i> | 805616 |
| <i>Pomatoschistus marmoratus</i> | 806118 | <i>Notothenia gibberifrons</i> | |
| <i>Pomatoschistus microps</i> | 806118 | As food for fish | |
| Callionymidae | | Rajidae | |
| <i>Callionymus lyra</i> | | <i>Raja georgiana</i> | 807663 |
| As food for fish | | <i>Notothenia nudifrons</i> | |
| Rajidae | | As food for fish | |
| <i>Raja naevus</i> | 806420 | Rajidae | |
| Gobiidae | | <i>Raja georgiana</i> | 807663 |
| As food for fish | | <i>Pleuragramma antarcticum</i> | |
| Scorpaenidae | | As food for fish | |
| <i>Sebastes inermis</i> | 805205 | Nototheniidae | |
| Clupeidae | | <i>Dissostichus mawsoni</i> | 804557 |
| <i>Alosa brashnikovii</i> | 807717 | Carangidae | |
| <i>Alosa kessleri</i> | 807717 | As food for fish | |
| Pangasiidae | | Coryphaenidae | |
| <i>Pangasius pangasius</i> | 808572 | <i>Coryphaena hippurus</i> | 805449 |
| Plotosidae | | Istiophoridae | |
| <i>Plotosus anguillaris</i> | 805205 | <i>Istiophorus platypterus</i> | 805449 |
| <i>Dormitor maculatus</i> | | <i>Makaira nigricans</i> | 805449 |
| As food for fish | | <i>Tetrapterus albidus</i> | 805449 |
| Bothidae | | <i>Tetrapterus angustirostris</i> | 808982 |
| <i>Paralichthys lethostigma</i> | 805068 | | |

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|--------------------------------------|---------------------------------|--------|---------------------------------|--------|
| Environmental factors (continued) | Scombridae | | Centropomidae | |
| | <i>Acanthocybium solanderi</i> | 805449 | <i>Ambassis</i> | |
| Fish-to-fish relationships | <i>Thunnus albacares</i> | 805449 | As food for fish | |
| | <i>Thunnus obesus</i> | 808474 | Larva | |
| | Centrolipidae | | Clupeidae | |
| | <i>Schedophilus pamarco</i> | 806775 | <i>Opisthopterus tardoore</i> | 808574 |
| | Megalopidae | | <i>Lates calcarifer</i> | |
| | <i>Megalops atlantica</i> | 808186 | As food for fish | |
| | Larva | | Serranidae | |
| | Xiphiidae | | <i>Epinephelus malabaricus</i> | 807976 |
| | <i>Xiphias gladius</i> | 807692 | <i>Lates niloticus</i> | |
| | <i>Elagatis bipinnulata</i> | | As predator | |
| | As commensal | | Cichlidae | |
| | Carcharhinidae | | <i>Tilapia</i> | 805378 |
| | <i>Carcharhinus longimanus</i> | 804693 | Characidae | |
| | <i>Selar crumenophthalmus</i> | | <i>Alestes dageti</i> | 805053 |
| | As food for fish | | <i>Hydrocyon forskali</i> | 805053 |
| | Carangidae | | <i>Micralistes acutidens</i> | 805053 |
| | <i>Caranx hippos</i> | 808465 | Schilbeidae | |
| | <i>Nematistius pectoralis</i> | 808465 | <i>Eutropius niloticus</i> | 805053 |
| | <i>Trachurus mediterraneus</i> | | | |
| | As food for fish | | Cepolidae | |
| | Scophthalmidae | | <i>Cepola aotea</i> | |
| | <i>Scophthalmus macoticus</i> | 807274 | As food for fish | |
| | <i>Trachurus novaezelandiae</i> | | Sparidae | |
| | As food for fish | | <i>Chrysophrys auratus</i> | 806043 |
| | Sparidae | | | |
| | <i>Chrysophrys auratus</i> | 806043 | Cichlidae | |
| | <i>Trachurus trachurus</i> | | <i>Cichla ocellaris</i> | |
| | As food for fish | | As predator | |
| | Rajidae | | Cichlidae | |
| | <i>Raja circularis</i> | 806421 | <i>Cichlasoma bimaculatum</i> | 804217 |
| | <i>Vomer setipinnis</i> | | <i>Cichlasoma testatum</i> | 804217 |
| | As food for fish | | <i>Crenicichla saxatilis</i> | 804217 |
| | Ariidae | | <i>Haplochromis</i> | |
| | <i>Arius heudeloti</i> | 804552 | As food for fish | |
| | Centrarchidae | | Centropomidae | |
| | As predator | | <i>Lates niloticus</i> | 805378 |
| | Poeciliidae | | | 808975 |
| | <i>Gambusia affinis</i> | 806275 | Characidae | |
| | <i>Ambloplites rupestris</i> | | <i>Alestes macrophthalmus</i> | 804392 |
| | As food for fish | | <i>Hemichromis fasciatus</i> | |
| | Esocidae | | As predator | |
| | <i>Esox lucius</i> | 804524 | Cichlidae | |
| | | 806512 | <i>Tilapia guineensis</i> | 808275 |
| | <i>Lepomis auritus</i> | | <i>Tilapia heudeloti</i> | 808275 |
| | As predator | | Cyprinodontidae | |
| | Cyprinodontidae | | <i>Epiplatys bifasciatus</i> | 808275 |
| | <i>Cyprinodon</i> | 806913 | <i>Tilapia</i> | |
| | <i>Lepomis cyanellus</i> | | As food for fish | |
| | As predator | | Centropomidae | |
| | Cyprinodontidae | | <i>Lates niloticus</i> | 805378 |
| | <i>Cyprinodon</i> | 806913 | | 808975 |
| | <i>Lepomis gibbosus</i> | | Fry | |
| | As food for fish | | Poeciliidae | |
| | Percidae | | <i>Gambusia affinis</i> | 804572 |
| | <i>Stizostedion lucioperca</i> | 804897 | <i>Tilapia mariae</i> | |
| | | | As food for fish | |
| | <i>Silurus glanis</i> | 804897 | Ichthyoboridae | |
| | Esocidae | | <i>Phago ioncatus</i> | 909052 |
| | <i>Esox lucius</i> | 804897 | <i>Tylochromis</i> | |
| | <i>Lepomis gulosus</i> | | As food for fish | |
| | As predator | | Characidae | |
| | Atherinidae | | <i>Alestes macrophthalmus</i> | 804392 |
| | <i>Menidia extensa</i> | 807835 | | |
| | <i>Lepomis macrochirus</i> | | Coryphaenidae | |
| | As food for fish | | As food for fish | |
| | Centrarchidae | | Coryphaenidae | |
| | <i>Micropterus salmoides</i> | 807807 | <i>Coryphaena hippurus</i> | 805449 |
| | Esocidae | | Istiophoridae | |
| | <i>Esox lucius</i> | 804524 | <i>Makaira nigricans</i> | 805449 |
| | <i>Lepomis microlophus</i> | | <i>Tetraodon albidus</i> | 805449 |
| | As food for fish | | Scombridae | |
| | Centrarchidae | | <i>Acanthocybium solanderi</i> | 805449 |
| | <i>Micropterus salmoides</i> | 807807 | <i>Thunnus albacares</i> | 805449 |
| | As food for fish | | Larva | |
| | Esocidae | | Xiphiidae | |
| | <i>Esox lucius</i> | 804524 | <i>Xiphias gladius</i> | 807692 |
| | As predator | | <i>Coryphaena hippurus</i> | |
| | Atherinidae | | As predator | |
| | <i>Menidia extensa</i> | 807835 | Molidae | |
| | Experimental analysis | | <i>Ranzania laevis</i> | 806680 |
| | Labridae | | Evocetidae | 804693 |
| | <i>Lutjanus melas</i> | 806912 | | |
| | <i>Pomoxis</i> | | Ephippidae | |
| | As food for fish | | <i>Drepane</i> | |
| | Esocidae | | As food for fish | |
| | <i>Esox lucius</i> | 804524 | Sciaenidae | |
| | <i>Pomoxis nigromaculatus</i> | | <i>Pseudosciaena diacanthus</i> | 808570 |
| | As food for fish | | | |
| | Percidae | | Lactariidae | |
| | <i>Stizostedion canadense</i> | 804897 | <i>Lactarius lactarius</i> | |
| | | | As food for fish | |
| | | | Sciaenidae | |
| | | | <i>Pseudosciaena diacanthus</i> | 808570 |

| Menidae | | | Environmental factors | |
|-----------------------------------|--|--|-----------------------|-------------|
| <i>Mene maculata</i> | | | | (continued) |
| As food for fish | | | | |
| Istiophoridae | | | | |
| <i>Tetrapterus angustirostris</i> | | | 808982 | |
| Scombridae | | | | |
| <i>Thunnus albacares</i> | | | 808473 | |
| Mullidae | | | | |
| As food for fish | | | | |
| Larva | | | | |
| Xiphiidae | | | | |
| <i>Xiphias gladius</i> | | | 807692 | |
| Percidae | | | | |
| <i>Acerina cernua</i> | | | | |
| As food for fish | | | | |
| Percidae | | | | |
| <i>Stizostedion lucioperca</i> | | | 805805 | |
| <i>Etheostoma nigrum</i> | | | | |
| As food for fish | | | | |
| Centrarchidae | | | | |
| <i>Micropterus punctulatus</i> | | | 807864 | |
| <i>Perca flavescens</i> | | | | |
| As food for fish | | | | |
| Percidae | | | | |
| <i>Stizostedion canadense</i> | | | 804525 | |
| <i>Stizostedion vitreum</i> | | | 807791 | |
| Esocidae | | | | |
| <i>Esox lucius</i> | | | 804524 | |
| | | | 806512 | |
| | | | 807870 | |
| As predator | | | | |
| Percidae | | | | |
| <i>Perca flavescens</i> | | | 807446 | |
| Atherinidae | | | | |
| <i>Menidia extensa</i> | | | 807835 | |
| Cyprinidae | | | | |
| <i>Notropis hudsonius</i> | | | 807446 | |
| Developing egg | | | | |
| Salmonidae | | | | |
| <i>Prosopium cylindraceum</i> | | | 807774 | |
| <i>Perca fluviatilis</i> | | | | |
| As food for fish | | | | |
| Acipenseromorpha | | | | |
| <i>Acipenser gueldenstaedti</i> | | | 807671 | |
| <i>Acipenser ruthenus</i> | | | 807671 | |
| Young | | | | |
| Centrarchidae | | | | |
| <i>Micropterus salmoides</i> | | | 806131 | |
| Percidae | | | | |
| <i>Stizostedion lucioperca</i> | | | 806131 | |
| Esocidae | | | | |
| <i>Esox lucius</i> | | | 806131 | |
| As predator | | | | |
| Cyprinidae | | | | |
| <i>Leucaspis delineatus</i> | | | 805690 | |
| <i>Stizostedion lucioperca</i> | | | | |
| As food for fish | | | | |
| Acipenseromorpha | | | | |
| <i>Acipenser gueldenstaedti</i> | | | 807671 | |
| <i>Acipenser ruthenus</i> | | | 807671 | |
| As predator | | | | |
| Cyprinidae | | | | |
| <i>Leucaspis delineatus</i> | | | 805690 | |
| <i>Stizostedion vitreum</i> | | | | |
| As food for fish | | | | |
| Percidae | | | | |
| <i>Stizostedion canadense</i> | | | 804525 | |
| As predator | | | | |
| Percidae | | | | |
| <i>Perca flavescens</i> | | | 807446 | |
| Cyprinidae | | | | |
| <i>Notropis hudsonius</i> | | | 807446 | |
| Pomacentridae | | | | |
| As food for fish | | | | |
| Serranidae | | | | |
| <i>Plectropomus maculatus</i> | | | 805724 | |
| As predator | | | | |
| Developing egg | | | | |
| Pomacentridae | | | | |
| <i>Abudefduf saxatilis</i> | | | 806976 | |
| Pomadasyidae | | | | |
| As food for fish | | | | |
| Carangidae | | | | |
| <i>Caranx hippos</i> | | | 808465 | |
| <i>Nematistius pectoralis</i> | | | 808465 | |
| Serranidae | | | | |
| <i>Mycteroperca rosacea</i> | | | 808465 | |
| Sciaenidae | | | | |
| As food for fish | | | | |
| Sciaenidae | | | | |
| <i>Cynoscion virescens</i> | | | 807029 | |
| <i>Pseudosciaena diacanthus</i> | | | 808570 | |
| Larva | | | | |
| Carangidae | | | | |
| <i>Trachinotus carolinus</i> | | | 804222 | |
| Young | | | | |
| Carangidae | | | | |
| <i>Trachinotus carolinus</i> | | | 807837 | |
| <i>Aplodinotus grunniens</i> | | | | |
| As food for fish | | | | |
| Percidae | | | | |
| <i>Stizostedion canadense</i> | | | 804525 | |
| <i>Stizostedion vitreum</i> | | | 807791 | |
| <i>Cynoscion arenarius</i> | | | | |
| As food for fish | | | | |
| Ictaluridae | | | | |
| <i>Ictalurus furcatus</i> | | | 808514 | |
| <i>Larimus peli</i> | | | | |
| As food for fish | | | | |
| Ariidae | | | | |
| <i>Arius heudeloti</i> | | | 804552 | |
| <i>Micropogon undulatus</i> | | | | |
| As food for fish | | | | |
| Bothidae | | | | |
| <i>Paralichthys lethostigma</i> | | | 805068 | |
| Serranidae | | | | |
| <i>Dicentrarchus labrax</i> | | | | |
| As predator | | | | |
| Gobiidae | | | | |
| <i>Gobius niger</i> | | | 806118 | |
| <i>Gobius ophiocephalus</i> | | | 806118 | |
| <i>Gobius paganellus</i> | | | 806118 | |
| <i>Dicentrarchus punctatus</i> | | | | |
| As predator | | | | |
| Gobiidae | | | | |
| <i>Morone americana</i> | | | 806634 | |
| As food for fish | | | | |
| Esocidae | | | | |
| <i>Esox lucius</i> | | | 806512 | |
| <i>Morone chrysops</i> | | | | |
| As food for fish | | | | |
| Percidae | | | | |
| <i>Stizostedion canadense</i> | | | 804525 | |
| <i>Stizostedion vitreum</i> | | | 807791 | |
| Polynemoidae | | | | |
| <i>Galeoides decadactylus</i> | | | | |
| As food for fish | | | | |
| Ariidae | | | | |
| <i>Arius heudeloti</i> | | | 804552 | |
| <i>Polynemus heptadactylus</i> | | | | |
| As food for fish | | | | |
| Sciaenidae | | | | |
| <i>Pseudosciaena diacanthus</i> | | | 808570 | |
| Gempylidae | | | | |
| As food for fish | | | | |
| Larva | | | | |
| Xiphiidae | | | | |
| <i>Xiphias gladius</i> | | | 807692 | |
| Istiophoridae | | | | |
| As food for fish | | | | |
| Larva | | | | |
| Xiphiidae | | | | |
| <i>Xiphias gladius</i> | | | 807692 | |
| As predator | | | | |
| Scombridae | | | | |
| <i>Thunnus alalunga</i> | | | 808654 | |
| Scombridae | | | | |
| As food for fish | | | | |
| Coryphaenidae | | | | |
| <i>Coryphaena hippurus</i> | | | 805449 | |
| Istiophoridae | | | | |
| <i>Istiophorus platypterus</i> | | | 805449 | |
| <i>Makaira nigricans</i> | | | 805449 | |
| <i>Tetrapterus albidus</i> | | | 805449 | |
| Scombridae | | | | |
| <i>Acanthocybium solanderi</i> | | | 805449 | |
| <i>Thunnus albacares</i> | | | 805449 | |
| Larva | | | | |
| Xiphiidae | | | | |
| <i>Xiphias gladius</i> | | | 807692 | |
| Euthynnus | | | | |
| As food for fish | | | | |
| Istiophoridae | | | | |
| <i>Makaira indica</i> | | | 807932 | |
| <i>Makaira nigricans</i> | | | 807932 | |
| <i>Euthynnus pelamis</i> | | | | |
| As food for fish | | | | |
| Istiophoridae | | | | |
| <i>Makaira indica</i> | | | 808982 | |
| <i>Makaira nigricans</i> | | | 808982 | |
| <i>Tetrapterus angustirostris</i> | | | 808473 | |
| | | | 808982 | |
| | | | 808474 | |
| <i>Tetrapterus auidax</i> | | | 808982 | |

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|---|---------------------------------|--------|----------------------------------|--------|
| Environmental factors (continued) | Scombridae | | Pleuronectidae | |
| | <i>Thunnus alalunga</i> | 808474 | As food for fish | |
| | <i>Thunnus albacares</i> | 808473 | Pleuronectidae | |
| Fish-to-fish relationships | | 808982 | <i>Atheresthes stomias</i> | 808717 |
| | <i>Rastrelliger kanagurta</i> | | Gadidae | |
| | As food for fish | | <i>Gadus morhua</i> | 807421 |
| | Sciaenidae | | Merlucciidae | |
| | <i>Pseudosciaena diacanthus</i> | 808570 | <i>Merluccius productus</i> | 808717 |
| | <i>Scomberomorus maculatus</i> | | <i>Lyopsetta exilis</i> | |
| | As food for fish | | As food for fish | |
| | Bothidae | | Merlucciidae | |
| | <i>Paralichthys lethostigma</i> | 805068 | <i>Merluccius productus</i> | 805693 |
| | Megalopidae | | <i>Microstomus kitt</i> | |
| | <i>Megalops atlantica</i> | 808186 | As predator | |
| | Thunnus | | Egg | |
| | As food for fish | | Clupeidae | |
| | Istiophoridae | | <i>Clupea harengus</i> | 806555 |
| | <i>Makaira indica</i> | 807932 | Soleidae | |
| | <i>Makaira nigricans</i> | 807932 | <i>Solea solea</i> | |
| | As predator | | As predator | |
| | Paralepididae | | Gobiidae | |
| | <i>Paralepis atlantica</i> | 808734 | <i>Pomatoschistus marmoratus</i> | 806118 |
| | <i>Thunnus albacares</i> | | <i>Pomatoschistus microps</i> | 806118 |
| | As predator | | | 806634 |
| | Trachipteridae | | Cottidae | |
| | <i>Trachipterus woodi</i> | 804423 | <i>Cottus asper</i> | |
| | Tetragonuridae | | As predator | |
| | <i>Tetragonurus cuvieri</i> | 804423 | Developing egg | |
| Trichiuridae | | | Cyprinidae | |
| | As food for fish | | <i>Ptychocheilus oregonensis</i> | 807786 |
| | Istiophoridae | | Scorpaenidae | |
| | <i>Istiophorus platypterus</i> | 805449 | <i>Scorpaena</i> | |
| | <i>Aphanopus carbo</i> | | As food for fish | |
| | As predator | | Scorpaenidae | |
| | Mycetophidae | | <i>Sebastes flavidus</i> | 807482 |
| | <i>Lampadena urophaos</i> | 807148 | Sebastes | |
| | Trichiurus | | As food for fish | |
| | As food for fish | | Gadidae | |
| | Sciaenidae | | <i>Gadus morhua</i> | 807421 |
| | <i>Pseudosciaena diacanthus</i> | 808570 | <i>Sebastes jordani</i> | |
| | Pangasiidae | | As food for fish | |
| | <i>Pangasius pangasius</i> | 808572 | Zeidae | |
| | <i>Trichurus lepturus</i> | | <i>Zenopsis nebulosa</i> | 808733 |
| | As food for fish | | Balistidae | |
| | Ariidae | | As food for fish | |
| | <i>Arius heudeloti</i> | 804552 | Coryphaenidae | |
| Xiphiidae | | | <i>Coryphaena hippurus</i> | 805449 |
| | <i>Xiphias gladius</i> | | Scombridae | |
| | As food for fish | | <i>Thunnus albacares</i> | 808474 |
| Sphyracnoidae | Hexanchiformes | | Larva | |
| | <i>Hexanchus griscus</i> | 803737 | Xiphiidae | |
| | | | <i>Xiphias gladius</i> | 807692 |
| Sphyracnoidae | As food for fish | | <i>Alutera</i> | |
| | Scombridae | | As food for fish | |
| | <i>Thunnus albacares</i> | 808473 | Scombridae | |
| Molidae | Megalopidae | | <i>Thunnus albacares</i> | 808473 |
| | <i>Megalops atlantica</i> | 808186 | Mola | |
| | Nomeidae | | As commensal | |
| Stromateidae | As food for fish | | Centrolophidae | |
| | Larva | | <i>Centrolophus maoricus</i> | 804850 |
| | Xiphiidae | | Ostracidae | |
| Dactyloscopidae | <i>Xiphias gladius</i> | 807692 | <i>Ostracion melagris</i> | |
| | As food for fish | | Rejection as food | |
| | Mullidae | | Carcharhinidae | |
| Cynoglossidae | <i>Mulloidichthys dentatus</i> | 808465 | <i>Carcharhinus</i> | 807595 |
| | Sciaenidae | | Sphyracnoidae | |
| | <i>Umbrina xanti</i> | 808465 | <i>Sphyracna barracuda</i> | 807595 |
| Zeidae | <i>Crapatalus</i> | | Tetraodontidae | |
| | As food for fish | | As food for fish | |
| | Sparidae | | Coryphaenidae | |
| Trachinidae | <i>Chrysophrys auratus</i> | 806043 | <i>Coryphaena hippurus</i> | 805449 |
| | <i>Trachinus draco</i> | | Scombridae | |
| | As food for fish | | <i>Thunnus alalunga</i> | 808982 |
| Uranoscopidae | Scophthalmidae | | Larva | |
| | <i>Scophthalmus macoticus</i> | 807274 | Xiphiidae | |
| | | | <i>Xiphias gladius</i> | 807692 |
| Atherinidae | Gnathagnus | | As food for fish | |
| | As food for fish | | Scombridae | |
| | Sparidae | | <i>Thunnus albacares</i> | 808982 |
| Cynoglossidae | <i>Chrysophrys auratus</i> | 806043 | Atherinidae | |
| | <i>Cynoglossus</i> | | As food for fish | |
| | As food for fish | | Larva | |
| Pseudosciaenidae | Sciaenidae | | Xiphiidae | |
| | <i>Pseudosciaena diacanthus</i> | 808570 | <i>Xiphias gladius</i> | 807692 |
| | Pangasiidae | | <i>Atherina boyeri</i> | |
| Pangasius pangasius | | | As food for fish | |
| | | | Gobiidae | |
| | | | <i>Gobius niger</i> | 806634 |
| | | | <i>Gobius ophiocephalus</i> | 806634 |
| | | | <i>Gobius paganellus</i> | 806634 |

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|-----------------------------------|--------|----------------------------------|--------|------------------------------|
| <i>Atherina mochon</i> | | <i>Gadidae</i> | | Environmental factors |
| As food for fish | | <i>Gadus morhua</i> | 807421 | (continued) |
| Clupeidae | | <i>Melanogrammus aeglefinus</i> | 808035 | |
| <i>Alosa brashnikovi</i> | 807717 | <i>Clupeonella cultriventris</i> | 807421 | |
| <i>Alosa kessleri</i> | 807717 | As food for fish | | Fish-to-fish |
| <i>Praneus capricornensis</i> | | Percidae | | relationships |
| As food for fish | | <i>Perca fluviatilis</i> | 804897 | |
| Serranidae | | <i>Stizostedion lucioperca</i> | 804897 | |
| <i>Plectropomus maculatus</i> | 805724 | Esocidae | | |
| Cyprinodontidae | | <i>Esox lucius</i> | 804897 | |
| <i>Adinia xenica</i> | | <i>Clupeonella delicatula</i> | | |
| As food for fish | | As food for fish | | |
| Bothidae | | Clupeidae | | |
| <i>Paralichthys lethostigma</i> | 805068 | <i>Alosa brashnikovi</i> | 807717 | |
| <i>Aphanius fasciatus</i> | | <i>Alosa kessleri</i> | 807717 | |
| As food for fish | | | 807748 | |
| Gobiidae | | <i>Dorosoma cepedianum</i> | | |
| <i>Gobius niger</i> | 806634 | As food for fish | | |
| <i>Gobius ophiocephalus</i> | 806634 | Percidae | | |
| <i>Gobius paganellus</i> | 806634 | <i>Stizostedion canadense</i> | 806166 | |
| <i>Fundulus diaphanus</i> | | <i>Harengula</i> | | |
| As food for fish | | As food for fish | | |
| Salmonidae | | Megalopidae | | |
| <i>Salmo salar</i> | 807863 | <i>Megalops atlantica</i> | 808186 | |
| <i>Salvelinus fontinalis</i> | 807863 | <i>Harengula thrissina</i> | | |
| <i>Fundulus majalis</i> | | As food for fish | | |
| As food for fish | | Carangidae | | |
| Bothidae | | <i>Caranx hippos</i> | 808465 | |
| <i>Paralichthys lethostigma</i> | 805068 | <i>Nematistius pectoralis</i> | 808465 | |
| <i>Fundulus similis</i> | | Serranidae | | |
| As food for fish | | <i>Myceteroperca rosacea</i> | 808465 | |
| Bothidae | | <i>Ilisa dollot</i> | | |
| <i>Paralichthys lethostigma</i> | 805068 | As food for fish | | |
| Poeciliidae | | Ariidae | 804552 | |
| As food for fish | | <i>Arius heudeloti</i> | | |
| Elopidae | | <i>Opisthonema oglinum</i> | | |
| <i>Elops saurus</i> | 808190 | As food for fish | | |
| Megalopidae | | Megalopidae | | |
| <i>Megalops atlantica</i> | 808186 | <i>Megalops atlantica</i> | 808186 | |
| <i>Gambusia</i> | | <i>Sardinops neopilchardus</i> | | |
| As food for fish | | As food for fish | | |
| Young | | Sparidae | | |
| Esocidae | | <i>Chrysophrys auratus</i> | 806043 | |
| <i>Esox lucius</i> | 806131 | <i>Spratelloides delicatulus</i> | | |
| <i>Gambusia affinis</i> | | As food for fish | | |
| As food for fish | | Serranidae | | |
| Pollutant content | | <i>Plectropomus maculatus</i> | 805724 | |
| Centrarchidae | | <i>Sprattus sprattus</i> | | |
| <i>Lepomis macrochirus</i> | 808927 | As food for fish | | |
| <i>Micropterus salmoides</i> | 808927 | Clupeidae | | |
| Esocidae | | <i>Alosa caspia</i> | 805365 | |
| <i>Esox americanus</i> | 808927 | <i>Alosa fallax</i> | 807242 | |
| <i>Poecilia latipinna</i> | | <i>Alosa maotica</i> | 805365 | |
| As food for fish | | <i>Alosa pontica</i> | 805365 | |
| Ictaluridae | | Engraulidae | | |
| <i>Ictalurus furcatus</i> | 808514 | As food for fish | | |
| <i>Ictalurus punctatus</i> | 808514 | Sciaenidae | 808570 | |
| Exocoetidae | | <i>Pseudosciaena diacanthus</i> | | |
| As food for fish | | Clupeidae | | |
| Istiophoridae | | <i>Alosa kessleri</i> | 807748 | |
| <i>Tetrapterus angustirostris</i> | 808982 | Megalopidae | | |
| <i>Tetrapterus audax</i> | 808982 | <i>Megalops atlantica</i> | 808186 | |
| Scombridae | | Larva | | |
| <i>Acanthocybium solanderi</i> | 805449 | Xiphiidae | 807692 | |
| <i>Thunnus obesus</i> | 808982 | <i>Xiphias gladius</i> | | |
| Larva | | <i>Anchoa</i> | | |
| Xiphiidae | | As food for fish | | |
| <i>Xiphias gladius</i> | 807692 | Bothidae | | |
| Clupeomorpha | | <i>Paralichthys lethostigma</i> | 805068 | |
| As food for fish | | <i>Anchoa mitchilli</i> | | |
| Serranidae | | As food for fish | | |
| <i>Paralabrax clathratus</i> | 807229 | Ictaluridae | | |
| Clupeidae | | <i>Ictalurus furcatus</i> | 808514 | |
| <i>Alosa pseudoharengus</i> | | <i>Ictalurus punctatus</i> | 808514 | |
| As food for fish | | <i>Coilia dussumieri</i> | | |
| Esocidae | | As food for fish | | |
| <i>Esox lucius</i> | 806512 | Sciaenidae | | |
| Salmonidae | | <i>Johnius dussumieri</i> | 806372 | |
| <i>Salmo salar</i> | 807863 | <i>Engraulis</i> | | |
| <i>Salvelinus fontinalis</i> | 807863 | As food for fish | | |
| <i>Clupea</i> | | Lutjanidae | 806964 | |
| As food for fish | | <i>Lutjanus jahngarah</i> | 808217 | |
| Salmonidae | | <i>Engraulis australis</i> | | |
| <i>Oncorhynchus</i> | 807484 | As food for fish | | |
| <i>Clupea antipodum</i> | | Sparidae | | |
| As food for fish | | <i>Chrysophrys auratus</i> | 806043 | |
| Gempylidae | | Scombridae | | |
| <i>Thyrsites atun</i> | 804831 | <i>Euthynnus pelamis</i> | 808364 | |
| <i>Clupea harengus</i> | | <i>Thunnus alalunga</i> | 808364 | |
| As food for fish | | | | |
| Pleuronectidae | | | | |
| <i>Hippoglossus hippoglossus</i> | 805331 | | | |
| <i>Lepidopsetta bilineata</i> | 807906 | | | |

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|---|---------------------------------|--------|----------------------------------|--------|
| Environmental factors (continued) | <i>Engraulis encrasicolus</i> | | <i>Catostomus commersoni</i> | |
| | As food for fish | | As food for fish | |
| Fish-to-fish relationships | Carangidae | | Percidae | |
| | <i>Lichia vadigo</i> | 806482 | <i>Stizostedion vitreum</i> | 807791 |
| | Clupeidae | | As predator | |
| | <i>Alosa brashnikovi</i> | 807717 | Developing egg | |
| | <i>Alosa caspia</i> | 805365 | Salmonidae | |
| | <i>Alosa kessleri</i> | 807717 | <i>Prosopium cylindraceum</i> | 807774 |
| | <i>Alosa maecotica</i> | 805365 | <i>Salvelinus namaycush</i> | 808528 |
| | <i>Alosa pontica</i> | 805365 | | |
| | <i>Thrissocles</i> | | Cobitidae | |
| | As food for fish | | <i>Cobitis taenia</i> | |
| | Larva | | As food for fish | |
| | Clupeidae | | Percidae | |
| | <i>Opisthopterus tardoore</i> | 808574 | <i>Perca fluviatilis</i> | 804897 |
| | Anguillidae | | Siluridae | |
| | <i>Anguilla anguilla</i> | | <i>Silurus glanis</i> | 804897 |
| | As predator | | Esocidae | |
| | Gobiidae | 806634 | <i>Esox lucius</i> | 804897 |
| | <i>Gobius niger</i> | 806118 | Cyprinidae | |
| | <i>Gobius ophiocephalus</i> | 806118 | As food for fish | |
| | <i>Gobius paganellus</i> | 806118 | Centrarchidae | |
| | <i>Anguilla australis</i> | | <i>Micropterus punctulatus</i> | 807864 |
| | As predator | | Percidae | |
| | Salmonidae | | <i>Perca fluviatilis</i> | 804897 |
| | <i>Salmo trutta</i> | 806016 | <i>Stizostedion lucioperca</i> | 805805 |
| | <i>Anguilla dieffenbachii</i> | | Clupeidae | |
| | As predator | | <i>Alosa kessleri</i> | 807748 |
| | Salmonidae | | Cyprinidae | 804897 |
| | <i>Salmo trutta</i> | 806016 | Siluridae | |
| | Moringuidae | | <i>Silurus glanis</i> | 804897 |
| | <i>Raitoborua raitoborua</i> | | Esocidae | |
| | As food for fish | | <i>Esox lucius</i> | 804524 |
| | Pangasidae | | | 804897 |
| | <i>Pangasius pangasius</i> | 808572 | | 807870 |
| | Muraenesocidae | | Developing egg | |
| | <i>Muraenesox</i> | | Cyprinidae | |
| | As food for fish | | <i>Cyprinus carpio</i> | 805606 |
| | Sciaenidae | | Young | |
| | <i>Pseudosciaena diacanthus</i> | 808570 | Channiformes | |
| | Muraenidae | | <i>Channa marulius</i> | 806966 |
| | As predator | | <i>Esox lucius</i> | 807718 |
| | Acanthuridae | 805679 | As predator | |
| | Ophichthidae | | Egg | |
| | As food for fish | | Salmonidae | |
| | Dasyatidae | | <i>Coregonus clupeoides</i> | 803672 |
| | <i>Dasyatis centroura</i> | 804187 | <i>Semotilus atromaculatus</i> | |
| | Fistulariidae | | As food for fish | |
| | <i>Fistularia petimba</i> | 808465 | Petromyzontomorpha | |
| | Pomadasysidae | | <i>Ichthyomyzon castaneus</i> | 806821 |
| | <i>Haemulon sexfasciatum</i> | 808465 | | |
| | Characidae | | Ariidae | |
| | As food for fish | | <i>Arius felis</i> | |
| | Centropomidae | | As food for fish | |
| | <i>Lates niloticus</i> | 805378 | Bothidae | |
| | <i>Hydrocyon vittatus</i> | | <i>Paralichthys lethostigma</i> | 805068 |
| | As predator | | | |
| | Young | | Clariidae | |
| | Cichlidae | | As food for fish | |
| | <i>Tilapia melanopleura</i> | 806049 | Centropomidae | |
| | <i>Tilapia mossambica</i> | 806049 | <i>Lates niloticus</i> | 805378 |
| | <i>Serrasalmus</i> | | <i>Clarias gariepinus</i> | |
| | As predator | | As predator | |
| | Doradidae | | Cichlidae | |
| | <i>Hassar orestitis</i> | 804731 | <i>Tilapia melanopleura</i> | 806049 |
| | | | <i>Tilapia mossambica</i> | 806049 |
| | Erythrinidae | | Ictaluridae | |
| | <i>Hoplias malabaricus</i> | | <i>Ictalurus</i> | |
| | As predator | | As food for fish | |
| | Cichlidae | | Ictaluridae | |
| | <i>Acaronia nassa</i> | 804217 | <i>Ictalurus furcatus</i> | 808514 |
| | <i>Cichla ocellaris</i> | 804217 | <i>Ictalurus nebulosus</i> | |
| | <i>Cichlasoma bimaculatum</i> | 804217 | As predator | |
| | <i>Cichlasoma festuivum</i> | 804217 | Developing egg | |
| | <i>Crenicichla saxatilis</i> | 804217 | Salmonidae | |
| | Hepsetidae | | <i>Prosopium cylindraceum</i> | 807774 |
| | <i>Hepsetus odoe</i> | | <i>Salvelinus namaycush</i> | 808528 |
| | As predator | | Schilbeidae | |
| | Cyprinodontidae | | <i>Eutropius depressirostris</i> | |
| | <i>Epiplatys bifasciatus</i> | 808275 | As predator | |
| | Catostomidae | | Cichlidae | |
| | <i>Carpiodes cyprinus</i> | | <i>Tilapia melanopleura</i> | 806049 |
| | As food for fish | | <i>Tilapia mossambica</i> | 806049 |
| | Percidae | | Mormyridae | |
| | <i>Stizostedion vitreum</i> | 807791 | As food for fish | |
| | <i>Catostomus</i> | | Centropomidae | |
| | As food for fish | | <i>Lates niloticus</i> | 805378 |
| | Young | | <i>Mormyrops deliciosus</i> | |
| | Gadidae | | As predator | |
| | <i>Lota lota</i> | 808486 | Cichlidae | |
| | Esocidae | | <i>Tilapia melanopleura</i> | 806049 |
| | <i>Esox lucius</i> | 808486 | <i>Tilapia mossambica</i> | 806049 |
| | Salmonidae | 808486 | | |

| Bregmacrotidae | | Percopsidae | | Environmental factors | | |
|-------------------------------------|--------|-----------------------------------|--|-----------------------|----------------------------|--|
| <i>Bregmaceros maclellandi</i> | | <i>Percopsis omiscomaycus</i> | | (continued) | | |
| As food for fish | | As food for fish | | | | |
| Sciaenidae | | Percidae | | | | |
| <i>Johnius dussumieri</i> | 806372 | <i>Stizostedion canadense</i> | | 804525 | Fish-to-fish relationships | |
| <i>Pseudosciaena diacanthus</i> | 808570 | <i>Stizostedion vitreum</i> | | 807791 | | |
| Chauliodontidae | | Esocidae | | | | |
| <i>Chauliodus sloanei</i> | 805924 | <i>Esox lucius</i> | | 806512 | | |
| Gadidae | | Argentiniidae | | | | |
| <i>Boreogadus saida</i> | | <i>Argentina silus</i> | | | | |
| As food for fish | | As food for fish | | | | |
| Pleuronectidae | | Gadidae | | | | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | <i>Gadus morhua</i> | | 807421 | | |
| <i>Gadus morhua</i> | | <i>Melanogrammus aeglefinus</i> | | 807421 | | |
| As predator | | Esocidae | | | | |
| Pleuronectidae | | <i>Esox</i> | | | | |
| <i>Hippoglossoides platessoides</i> | 807417 | As predator | | | | |
| Scorpaenidae | | Salmonidae | | | | |
| <i>Sebastes marinus</i> | 808074 | <i>Prosopium cylindraceum</i> | | 807774 | | |
| <i>Sebastes mentella</i> | 808074 | <i>Esox lucius</i> | | | | |
| Gadidae | | As predator | | | | |
| <i>Pollachius virens</i> | 808097 | Percidae | | | | |
| <i>Lota lota</i> | | <i>Perca flavescens</i> | | 807446 | | |
| As food for fish | | <i>Perca fluviatilis</i> | | 806256 | | |
| Percidae | | Cyprinidae | | | | |
| <i>Stizostedion canadense</i> | 804525 | <i>Leucaspisus delineatus</i> | | 805690 | | |
| Salmonidae | | <i>Notropis hudsonius</i> | | 807446 | | |
| <i>Stenodus leucichthys</i> | 806835 | <i>Rutilus rutilus</i> | | 806251 | | |
| As predator | | Osmeridae | | | | |
| Cottidae | | <i>Osmerus eperlanus</i> | | 806256 | | |
| <i>Cottus cognatus</i> | 806834 | Salmonidae | | | | |
| Salmonidae | | <i>Coregonus albula</i> | | 806256 | | |
| Developing egg | | <i>Coregonus clupeoides</i> | | 803672 | | |
| Salmonidae | | Umbridae | | | | |
| <i>Prosopium cylindraceum</i> | 807774 | <i>Dallia pectoralis</i> | | | | |
| <i>Melanogrammus aeglefinus</i> | | As food for fish | | | | |
| As predator | | Salmonidae | | | | |
| Egg | | <i>Stenodus leucichthys</i> | | 806835 | | |
| Clupeidae | | <i>Novumbra hubbsi</i> | | | | |
| <i>Clupea harengus</i> | 806555 | As predator | | | | |
| <i>Merlangius merlangus</i> | | Gasterosteidae | | | | |
| As food for fish | | <i>Gasterosteus aculeatus</i> | | 807543 | | |
| Scophthalmidae | | Alepisauridae | | | | |
| <i>Scophthalmus macoticus</i> | 807274 | As food for fish | | | | |
| <i>Micromesistius poussou</i> | | Istiophoridae | | | | |
| As food for fish | | <i>Makaira nigricans</i> | | 808473 | | |
| Rajidae | | <i>Tetrapterus angustirostris</i> | | 808474 | | |
| <i>Raja circularis</i> | 806420 | <i>Tetrapterus audax</i> | | 808982 | | |
| <i>Raja fullonica</i> | 806420 | | | 808473 | | |
| <i>Raja naevus</i> | 806420 | | | 808474 | | |
| Pleuronectidae | | Scombridae | | 808474 | | |
| <i>Hippoglossus hippoglossus</i> | 805331 | <i>Thunnus alalunga</i> | | 808982 | | |
| <i>Physiculus bacchus</i> | | <i>Thunnus albacares</i> | | 808473 | | |
| As food for fish | | <i>Thunnus obesus</i> | | 808474 | | |
| Gempylidae | | | | 808982 | | |
| <i>Thyrssites atun</i> | 804831 | <i>Thunnus obesus</i> | | 808982 | | |
| <i>Trisopterus minutus</i> | | Alepisaurus | | | | |
| As food for fish | | As predator | | | | |
| Rajidae | | Teleostei | | 807697 | | |
| <i>Raja batis</i> | 806420 | Bramidae | | 807697 | | |
| <i>Raja montagui</i> | 806420 | Gempylidae | | 807697 | | |
| <i>Urophycis tenuis</i> | | Nomeidae | | | | |
| As food for fish | | <i>Cubiceps</i> | | 807697 | | |
| Echinorhinidae | | Myctophidae | | 807697 | | |
| <i>Echinorhinus brucus</i> | 807588 | Paralepididae | | 807697 | | |
| Macrouridae | | Sternopychidae | | | | |
| <i>Macruronus novaezelandiae</i> | | <i>Sternopyx diaphana</i> | | 807697 | | |
| As food for fish | | Harpadontidae | | | | |
| Gempylidae | | <i>Harpadon nehereus</i> | | | | |
| <i>Thyrssites atun</i> | 804831 | As food for fish | | | | |
| <i>Paramacrus australis</i> | | Sciaenidae | | | | |
| As food for fish | | <i>Pseudosciaena diacanthus</i> | | 808570 | | |
| Gempylidae | | Pangasiidae | | | | |
| <i>Thyrssites atun</i> | 804831 | <i>Pangasius pangasius</i> | | 808572 | | |
| Merlucciidae | | Myctophidae | | | | |
| <i>Merluccius angustimanus</i> | | As food for fish | | | | |
| As predator | | Istiophoridae | | | | |
| Sclerorhinidae | | <i>Tetrapterus angustirostris</i> | | 808982 | | |
| <i>Galeus piperatus</i> | 805095 | Scombridae | | 808473 | | |
| <i>Merluccius bilinearis</i> | | <i>Thunnus albacares</i> | | 808982 | | |
| As food for fish | | <i>Thunnus obesus</i> | | 808982 | | |
| Gadidae | | Larva | | | | |
| <i>Gadus morhua</i> | 807421 | Xiphiidae | | | | |
| <i>Melanogrammus aeglefinus</i> | 807421 | <i>Xiphias gladius</i> | | 807692 | | |
| As predator | | <i>Electrona antarctica</i> | | | | |
| Myctophidae | | As food for fish | | | | |
| <i>Ceratoscopelus maderensis</i> | 807517 | Trichiuridae | | | | |
| Zoaridae | | <i>Paradiplosinus gracilis</i> | | 807663 | | |
| <i>Lycodes</i> | | | | | | |
| As food for fish | | | | | | |
| Pleuronectidae | | | | | | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | | | | | |

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|---|-------------------------------------|--------|------------------------------------|--------|
| Environmental factors (continued) | <i>Protomyxobolus tenisoni</i> | | Squalidae | |
| | As food for fish | | <i>Somniosus microcephalus</i> | 807348 |
| Fish-to-fish relationships | Trichiuridae | | As predator | |
| | <i>Paradipterosiphon gracilis</i> | 807663 | Developing egg | |
| | <i>Stenobranichius leucopsarus</i> | | Salmonidae | |
| | As food for fish | | <i>Oncorhynchus</i> | 807696 |
| | Scorpaenidae | | Young | |
| | <i>Sebastes flavidus</i> | 807482 | Salmonidae | |
| | Paralepididae | | <i>Oncorhynchus</i> | 807696 |
| | <i>Paralepis</i> | | <i>Salvelinus fontinalis</i> | |
| | As food for fish | | As food for fish | |
| | Chauliodontidae | | Esocidae | |
| | <i>Chauliodus sloanei</i> | 805924 | <i>Esox lucius</i> | 804524 |
| | Synodontidae | | Salmonidae | |
| | As food for fish | | <i>Salvelinus alpinus</i> | 805541 |
| | Serranidae | | <i>Salvelinus leucomaenis</i> | |
| | <i>Plectropomus maculatus</i> | 805724 | As predator | |
| | Osmeridae | | Salmonidae | |
| | <i>Mallotus villosus</i> | | <i>Oncorhynchus keta</i> | 807669 |
| | As food for fish | | Chauliodontidae | |
| | Rajidae | | As food for fish | |
| | <i>Raja spinicauda</i> | 807766 | Scorpaenidae | |
| | Pleuronectidae | | <i>Sebastes alutus</i> | 807924 |
| | <i>Reinhardtius hippoglossoides</i> | 807106 | Gonostomatidae | |
| | | 807767 | <i>Vinciguerra</i> | |
| | <i>Osmerus eperlanus</i> | | As food for fish | |
| | As food for fish | | Larva | |
| | Peridae | | Xiphiidae | |
| | <i>Stizostedion lucioperca</i> | 807718 | <i>Xiphias gladius</i> | 807692 |
| | Esocidae | | Sternopychidae | |
| | <i>Esox lucius</i> | 807718 | As food for fish | |
| | <i>Osmerus mordax</i> | | Larva | |
| | As food for fish | | Xiphiidae | |
| | Esocidae | | <i>Xiphias gladius</i> | 807692 |
| | <i>Esox lucius</i> | 806512 | Lethal environmental limits | |
| | Salmonidae | | Larva | |
| | <i>Salmo salar</i> | 807440 | Teleostei | 809081 |
| | | 807780 | Light | |
| | | 807863 | Egg | |
| | <i>Salvelinus alpinus</i> | 805541 | Salmonidae | |
| | <i>Salvelinus fontinalis</i> | 805541 | <i>Salmo gairdneri</i> | 804489 |
| | | 807863 | Seasonal changes | |
| | | | Temperature | |
| | Plecoglossidae | | Cyprinodontidae | |
| | <i>Plecoglossus altivelis</i> | | <i>Cyprinodon macularius</i> | 803837 |
| | As predator | | Fish control agents | |
| | Gobiidae | | Experimental analysis | |
| | <i>Chaenogobius isaza</i> | 807948 | Teleostei | 808604 |
| | Salmonidae | | Change with age | |
| | As food for fish | | Teleostei | 808604 |
| | Young | | Distribution | |
| | Anguillidae | | Teleostei | 808135 |
| | <i>Anguilla anguilla</i> | 805974 | | 808179 |
| | As predator | | Serranidae | |
| | Cottidae | | <i>Spinephelus</i> | 807225 |
| | <i>Cottus beldingi</i> | 808721 | Bothidae | |
| | <i>Coregonus</i> | | <i>Paralichthys californicus</i> | 807225 |
| | As food for fish | | Salmonidae | |
| | Salmonidae | | <i>Salmo trutta</i> | 807798 |
| | <i>Stenodus leucichthys</i> | 806835 | Egg | |
| | <i>Oncorhynchus nerka</i> | | Seasonal changes | |
| | As food for fish | | Callionymidae | |
| | Petromyzontomorpha | | <i>Callionymus lyra</i> | 805664 |
| | <i>Lampetra japonica</i> | 807008 | Carangidae | |
| | Salmonidae | | <i>Trachurus trachurus</i> | 805664 |
| | <i>Salvelinus alpinus</i> | 809034 | Sparidae | |
| | <i>Prosopium coulteri</i> | | <i>Pagellus bogaraveo</i> | 805664 |
| | As food for fish | | Scombridae | |
| | Petromyzontomorpha | | <i>Scomber scombrus</i> | 805664 |
| | <i>Lampetra japonica</i> | 807008 | Bothidae | |
| | <i>Salmo gairdneri</i> | | <i>Armoglossus laterna</i> | 805664 |
| | As food for fish | | Soleidae | |
| | Petromyzontomorpha | | <i>Microchirus variegatus</i> | 805664 |
| | <i>Lampetra japonica</i> | 807008 | <i>Solea solea</i> | 805664 |
| | As predator | | Triglidae | |
| | Salmonidae | | <i>Trigla gurnardus</i> | 805664 |
| | <i>Oncorhynchus tshawytscha</i> | 806873 | Clupeidae | |
| | <i>Salmo salar</i> | | <i>Sardina pilchardus</i> | 805664 |
| | As food for fish | | <i>Sprattus sprattus</i> | 805664 |
| | Rajidae | | Engraulidae | |
| | <i>Raja spinicauda</i> | 807766 | <i>Engraulis encrasicolus</i> | 805664 |
| | As predator | | Gadidae | |
| | Belontiidae | | Merlucciidae | |
| | <i>Belontiella bellone</i> | 808080 | <i>Merluccius merluccius</i> | 805664 |
| | Fry | | Argentiniidae | |
| | Salmonidae | | <i>Argentina sphyraena</i> | 805664 |
| | <i>Prosopium cylindraceum</i> | 807774 | Myctophidae | |
| | <i>Salmo trutta</i> | | Gonostomatidae | |
| | As predator | | <i>Maurollicus pennanti</i> | 805664 |
| | Egg | | Larva | |
| | Salmonidae | | Scombridae | |
| | <i>Coregonus clupeoides</i> | 803672 | <i>Euthynnus pelamis</i> | 804893 |
| | <i>Salvelinus alpinus</i> | | <i>Thunnus albacares</i> | 804893 |
| | As food for fish | | <i>Thunnus obesus</i> | 804893 |

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| Merlucciidae | | <i>Tilapia mossambica</i> | 803713 | Geographic distribution |
| <i>Merluccius productus</i> | 806504 | <i>Tilapia nilotica</i> | 806934 | |
| Seasonal changes | | <i>Tilapia spilurus</i> | 803676 | |
| Ammodytidae | | <i>Tilapia zilli</i> | 808971 | |
| <i>Ammodytes lanceolatus</i> | 805664 | Percidae | 808971 | |
| Callionymidae | | <i>Perca fluviatilis</i> | 806844 | |
| <i>Callionymus lyra</i> | 805664 | <i>Stizostedion lucioperca</i> | 805962 | |
| Carangidae | | Serranidae | | |
| <i>Trachurus trachurus</i> | 805664 | <i>Epinephelus tauvina</i> | 805477 | |
| Sparidae | | Atherinidae | | |
| <i>Pagellus bogaraveo</i> | 805664 | <i>Atherina boyeri</i> | 806844 | |
| Scombridae | | <i>Atherina mochon</i> | 808300 | |
| <i>Scomber scombrus</i> | 805664 | Cyprinodontidae | | |
| Bothidae | | <i>Aphanius fasciatus</i> | 806844 | |
| <i>Arnoglossus laterna</i> | 805664 | Poeciliidae | 808437 | |
| Soleidae | | <i>Gambusia affinis</i> | 803758 | |
| <i>Solea solea</i> | 805664 | | 806282 | |
| Clupeidae | | | 806844 | |
| <i>Sardina pilchardus</i> | 805664 | | 808971 | |
| <i>Sprattus sprattus</i> | 805664 | <i>Poecilia latipinna</i> | 803758 | |
| Engraulidae | | <i>Poecilia reticulata</i> | 803758 | |
| <i>Engraulis encrasicolus</i> | 805664 | | 804407 | |
| Gadidae | 805664 | | 808971 | |
| Merlucciidae | | <i>Poecilia spheonops</i> | 808269 | |
| <i>Merluccius merluccius</i> | 805664 | <i>Xiphophorus</i> | 808269 | |
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| <i>Argentina sphyraena</i> | 805664 | | 805842 | |
| Paralepididae | | Clupeidae | | |
| <i>Paralepis rissoi</i> | 805664 | <i>Alosa pseudoharengus</i> | 807162 | |
| Gonostomatidae | | Cyprinidae | | |
| <i>Maurolicus pennanti</i> | 805664 | <i>Carassius auratus</i> | 806282 | |
| Stomiidae | | <i>Ctenopharyngodon idella</i> | 804572 | |
| <i>Stomias ferox</i> | 805664 | | 804931 | |
| Mesopelagic zone | | <i>Hypophthalmichthys molitrix</i> | 805711 | |
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| Bathypelagic zone | | <i>Pseudorasbora parva</i> | 806282 | |
| Teleostei | 806209 | Clariidae | | |
| Abyssopelagic zone | | <i>Clarias batrachus</i> | 803676 | |
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| Teleostei | 806209 | <i>Ictalurus</i> | 806367 | |
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| <i>Gobio schmidt</i> | 808351 | <i>Pygocentrus nattereri</i> | 808720 | |
| <i>Gobius paganellus</i> | 808351 | Loricariidae | | |
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| <i>Lichia amia</i> | 808351 | Umbridae | | |
| <i>Naukrates ductor</i> | 808351 | <i>Umbrina krameri</i> | 804771 | |
| Pomatomidae | | Osmeridae | | |
| <i>Pomatomus saltatrix</i> | 808351 | <i>Osmerus mordax</i> | 804390 | |
| Sparidae | 808351 | | 807110 | |
| Scombridae | | Salmonidae | 806282 | |
| <i>Scomber japonicus</i> | 808351 | <i>Salmo gairdneri</i> | 807110 | |
| Xiphiidae | | <i>Salmo trutta</i> | 808971 | |
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| Sphyraenidae | | Experimental analysis | 807450 | |
| <i>Sphyraena sphyraena</i> | 808351 | Gobiidae | | |
| Cottidae | | <i>Gobiosoma nudum</i> | 807604 | |
| <i>Cottus gobio</i> | 805459 | Reduction of range by natural means | | |
| <i>Cottus poecilopus</i> | 805459 | Teleostei | 808318 | |
| Ballistidae | | Reduction of range by man | | |
| <i>Ballistes capricornis</i> | 808351 | Petromyzontomorpha | | |
| Cyprinodontidae | | <i>Lampetra fluviatilis</i> | 807198 | |
| <i>Rivulus marmoratus</i> | 804916 | Acipenseromorpha | | |
| Cyprinidae | | <i>Acipenser stellatus</i> | 807706 | |
| <i>Leuciscus lepidus</i> | 805478 | <i>Acipenser sturio</i> | 806415 | |
| Clariidae | | | 806844 | |
| <i>Clarias lazera</i> | 805478 | | 807198 | |
| Merlucciidae | | <i>Polyodon spathula</i> | 807110 | |
| <i>Merluccius merluccius</i> | 808351 | Centrarchidae | | |
| Stream capture | | <i>Lepomis humilis</i> | 807268 | |
| Teleostei | 806446 | <i>Pomoxis nigromaculatus</i> | 807268 | |
| Larval dispersion | | Percidae | 807268 | |
| Acanthuridae | 805679 | Cottidae | | |
| Expansion of range by man | | <i>Cottus gobio</i> | 805199 | |
| Elasmobranchii | 806211 | <i>Cottus poecilopus</i> | 805199 | |
| Teleostei | 808772 | Atherinidae | | |
| | 806132 | <i>Labidesthes sicculus</i> | 807268 | |
| | 808371 | Clupeidae | | |
| | 808740 | <i>Alosa fallax</i> | 807198 | |
| | 808772 | Catostomidae | | |
| Gobiidae | | <i>Cycleptus elongatus</i> | 803895 | |
| <i>Glossogobius giuris</i> | 806132 | <i>Hypentelium nigricans</i> | 807268 | |
| Mugiloidae | | <i>Lagochila lacer</i> | 807614 | |
| Centrarchidae | | <i>Minytrema melanops</i> | 807268 | |
| <i>Lepomis gibbosus</i> | 806282 | Cyprinidae | 807110 | |
| <i>Mugil</i> | 806844 | | 807198 | |
| <i>Rhinomugil corsula</i> | 806902 | <i>Barbus barbus</i> | 806415 | |
| Cichlidae | | <i>Gila robusta</i> | 807794 | |
| <i>Cichlasoma nigrofasciatum</i> | 803758 | <i>Nocomis biguttatus</i> | 803895 | |
| | 808437 | <i>Notropis anommus</i> | 807614 | |
| <i>Tilapia</i> | 808745 | | | |
| <i>Tilapia melanopleura</i> | 808971 | | | |

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| Geographic distribution (continued) | <i>Narronnis heterolepis</i> | 807268 | Acanthocephala | |
| | <i>Notropis rubellus</i> | 803895 | Salmonidae | |
| | <i>Psychocellus lucius</i> | 807794 | <i>Salmo salar</i> | 807401 |
| | <i>Rhinichthys cataractae</i> | 803758 | Distribution | |
| | <i>Semotilus atromaculatus</i> | 803895 | Salmonidae | |
| | Ictaluridae | | <i>Oncorhynchus keta</i> | 808790 |
| | <i>Ictalurus melas</i> | 807268 | <i>Oncorhynchus nerka</i> | 808747 |
| | <i>Ictalurus natalis</i> | 803895 | Migrations | |
| | <i>Noturus</i> | 803895 | Salmonidae | |
| | <i>Noturus gyrinus</i> | 807268 | <i>Oncorhynchus nerka</i> | 807258 |
| | <i>Noturus miurus</i> | 807268 | Distribution of infection | |
| | Osmetidae | | Salmonidae | |
| | <i>Osmerus eperlanus</i> | 807198 | <i>Salmo salar</i> | 807917 |
| | Salmonidae | | Incidence of infection | |
| | <i>Coregonus alpenae</i> | 807110 | Argentinidae | |
| | <i>Salmo salar</i> | 807198 | <i>Argentina silus</i> | 807399 |
| | <i>Salmo trutta</i> | 806415 | Salmonidae | |
| | Interspecific competition | | <i>Salmo salar</i> | 807401 |
| | Habitat destruction | | Scale age study | |
| | Teleostei | 808371 | Salmonidae | |
| Geographic barriers | | | <i>Oncorhynchus nerka</i> | 807258 |
| Elasmobranchii | | 808772 | Otolith age study | |
| Teleostei | | 808772 | Clupeidae | |
| Endemism | | | <i>Clupea harengus</i> | 807461 |
| Teleostei | | 804468 | Meristics | |
| | | 806780 | Clupeidae | |
| Percidae | | | <i>Clupea harengus</i> | 809060 |
| <i>Etheostoma fusiforme</i> | | 807835 | Morphometrics | |
| Atherinidae | | | Clupeidae | |
| <i>Menidia extensa</i> | | 807835 | <i>Sprattus sprattus</i> | 806394 |
| Cyprinodontidae | | | Protein specificity | |
| <i>Fundulus waccamensis</i> | | 807835 | Biochemical blood constituents | |
| Cyprinidae | | 806132 | Acipenseromorpha | 806058 |
| Antarctic O | | 809094 | Teleostei | 806058 |
| Relictism | | | Scombridae | 806058 |
| Teleostei | | 809046 | Pleuronectiformes | 806058 |
| Gobiidae | | | Clupeidae | 806058 |
| <i>Eteostis fusca</i> | | 807244 | Engraulidae | 806058 |
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| Dasyatidae | | | <i>Anguilla</i> | 806058 |
| <i>Dasyatis centroura</i> | | 804187 | Gadidae | 806058 |
| Percidae | | | Biochemical blood constituents | |
| <i>Stizostedion lucioperca</i> | | 804250 | Immunological analysis | |
| <i>Stizostedion vitreum</i> | | 807178 | Salmonidae | |
| Salenidae | | | <i>Salmo clarki</i> | 807958 |
| <i>Cynoscion petranus</i> | | 804304 | Habitat preference | |
| Serranidae | | | Gadidae | |
| <i>Morone saxatilis</i> | | 806786 | <i>Gadus morhua</i> | 805090 |
| | | 808726 | Serum proteins | |
| Sparidae | | | Immunological analysis | |
| <i>Pagrus major</i> | | 805625 | Clupeidae | |
| Scombridae | | | <i>Clupea harengus</i> | 805261 |
| <i>Euthynnus pelamis</i> | | 806460 | Polymorphism | |
| <i>Scomber japonicus</i> | | 807784 | Salmonidae | |
| <i>Scomber scombrus</i> | | 807512 | <i>Salmo salar</i> | 804748 |
| <i>Thunnus alalunga</i> | | 807306 | Juvenile | |
| | | 807857 | Acclimation | |
| Pleuronectidae | | | Salmonidae | |
| <i>Hippoglossoides platessoides</i> | | 807423 | <i>Oncorhynchus nerka</i> | 808376 |
| <i>Lepidopsetta bilineata</i> | | 807906 | Salinity | |
| <i>Parophrys vetulus</i> | | 805942 | Salmonidae | |
| | | 805444 | <i>Oncorhynchus nerka</i> | 808376 |
| <i>Pleuronectes platessa</i> | | 804331 | Rate of growth | |
| | | 808075 | Clupeidae | |
| Anoplopomatidae | | | <i>Clupea harengus</i> | 809060 |
| <i>Anoplopoma fimbria</i> | | 807514 | Age length relationship | |
| Scorpaenidae | | | Scale age study | |
| <i>Sebastes mentella</i> | | 804333 | Clupeidae | |
| | | 807713 | <i>Clupea harengus</i> | 806916 |
| Clupeidae | | | Intraspecific variation | |
| <i>Clupea harengus</i> | | 805516 | Armor | |
| | | 805910 | Gasterosteidae | |
| | | 806319 | <i>Gasterosteus aculeatus</i> | 807572 |
| <i>Hilsa ilisha</i> | | 808577 | Fry | |
| <i>Sardinella aurata</i> | | 808012 | Cyprinidae | |
| <i>Sardinella eba</i> | | 808012 | <i>Abramis brama</i> | 806451 |
| <i>Sprattus sprattus</i> | | 808459 | Activity patterns | |
| Engraulidae | | | Cyprinidae | |
| <i>Engraulis encrasicolus</i> | | 807765 | <i>Abramis brama</i> | 806451 |
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| <i>Gadus morhua</i> | | 805096 | Cyprinodontidae | |
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| <i>Merluccius merluccius</i> | | 807688 | <i>Fundulus stelleri</i> | 804862 |
| Osmetidae | | | Seasonal rates | |
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| <i>Osmerus mordax</i> | | 804390 | <i>Colias sara</i> | 807111 |
| Salmonidae | | | Polymorphism | |
| <i>Oncorhynchus nerka</i> | | 807260 | Protein content | |
| Identification | | | Carangidae | |
| Gadidae | | | <i>Decapterus pinnulatus</i> | 804033 |
| <i>Gadus morhua</i> | | 807541 | Enzymology | |
| Digenea | | | Clupeidae | |
| Argentinidae | | | <i>Clupea harengus</i> | 804126 |
| <i>Argentina silus</i> | | 807399 | | |

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| Gasterosteidae | | Kyphosidae | | |
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| Gasterosteidae | | <i>Chromis punctipinnis</i> | 807227 | |
| <i>Gasterosteus aculeatus</i> | 807362 | <i>Hypsypops rubicunda</i> | 807227 | |
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| Clupeidae | | <i>Paralabrax clathratus</i> | 807227 | |
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| Age class distribution | | <i>Euthynnus pelamis</i> | 806617 | |
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| Intraspecific variation | | <i>Platichthys stellatus</i> | 806617 | |
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| <i>Caulolatilus princeps</i> | 807227 | Cottidae | | |
| Cichlidae | 806129 | <i>Cottus bairdi</i> | 805878 | |
| <i>Hemihaplochromis multicolor</i> | 804708 | Catostomidae | | |
| | | <i>Catostomus commersoni</i> | 805878 | |

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|------------------------------------|-------------------------------|--------|-------------------------------------|--------|
| Population dynamics (continued) | Cyprinidae | 805878 | Spandae | |
| | Italuridae | | <i>Chrysophrys auratus</i> | 808363 |
| | <i>Italurus nebulosus</i> | 805878 | <i>Chrysophrys major</i> | 804799 |
| | Umbidae | | Istiophoridae | |
| | <i>Umbra limi</i> | 805878 | <i>Makaira nigricans</i> | 806618 |
| | Salmonidae | | Scombridae | 808279 |
| | <i>Salvelinus fontinalis</i> | 805878 | <i>Euthynnus pelamis</i> | 808278 |
| | Evolutionary adaptation | | | 808283 |
| | Cichlidae | 808468 | <i>Scomber scombrus</i> | 805327 |
| | Coral reef | | <i>Thunnus alalunga</i> | 806618 |
| | Teleostei | 807935 | | 807030 |
| | Holocentridae | 805047 | | 807031 |
| | Acanthuridae | 805047 | <i>Thunnus albacares</i> | 808652 |
| | Blenniidae | 805047 | | 806618 |
| | Gobiidae | 805047 | | 807030 |
| | Labridae | 805047 | | 807031 |
| | Scaridae | 805047 | | 808283 |
| | Chaetodontidae | 805047 | | 808401 |
| | Mullidae | 805047 | Bothidae | |
| | Pomacentridae | 805047 | <i>Citharichthys stigmaeus</i> | 808715 |
| | Serranidae | 805047 | Cynoglossidae | |
| | Muraenidae | 805047 | <i>Symphurus atricauda</i> | 808715 |
| | Mesopelagic zone | | Pleuronectidae | |
| | Larva | | <i>Eopsetta jordani</i> | 807914 |
| | Teleostei | 808314 | <i>Hippoglossoides platessoides</i> | 807914 |
| | Reproductive season | | <i>Hippoglossus hippoglossus</i> | 805086 |
| | Allometry | | | 805331 |
| | Engraulidae | | <i>Lepidopsetta bilineata</i> | 807906 |
| | <i>Engraulis japonicus</i> | 804963 | <i>Lyopsetta exilis</i> | 807914 |
| | Productivity | | <i>Reinhardtius hippoglossoides</i> | 807106 |
| | Plecoglossidae | | Soleidae | |
| | <i>Plecoglossus altivelis</i> | 806031 | <i>Solea solea</i> | 808076 |
| Population changes | | | Cottidae | |
| Petromyzontomorpha | | | <i>Icelinus quadriseriatus</i> | 808715 |
| <i>Petromyzon marinus</i> | 805642 | | <i>Myoxocephalus quadricornis</i> | 808410 |
| | 805643 | | Hexagrammidae | |
| Acipenseromorpha | | | <i>Ophiodon elongatus</i> | 807914 |
| <i>Acipenser fulvescens</i> | 806650 | | Scorpaenidae | |
| | 807557 | | <i>Sebastes alutus</i> | 807914 |
| <i>Polyodon spathula</i> | 808464 | | Atherinidae | |
| Semionotomorpha | | | <i>Labidesthes sicculus</i> | 803895 |
| <i>Lepiososteus platyrhincus</i> | 804917 | | Cyprinodontidae | |
| Teleostei | 807188 | | <i>Fundulus notatus</i> | 803895 |
| | 807193 | | Poeciliidae | |
| | 807557 | | <i>Gambusia affinis</i> | 803895 |
| | 808029 | | Clupeidae | |
| | 808630 | | <i>Alosa kessleri</i> | 807711 |
| Gasterosteidae | | | <i>Alosa pseudoharengus</i> | 803873 |
| <i>Gasterosteus aculeatus</i> | 807275 | | | 806650 |
| Gobiidae | | | <i>Caspialosa kessleri</i> | 807679 |
| <i>Chaenogobius isaza</i> | 807948 | | <i>Clupea harengus</i> | 805063 |
| Labridae | | | | 805098 |
| <i>Labroides dimidiatus</i> | 806677 | | | 805297 |
| Centrarchidae | 803895 | | | 805299 |
| | 804411 | | | 805309 |
| <i>Lepomis macrochirus</i> | 803985 | | | 805310 |
| <i>Micropterus salmoides</i> | 803985 | | <i>Clupeonella delicatula</i> | 806432 |
| <i>Pomoxis annularis</i> | 808464 | | <i>Dorosoma cepedianum</i> | 808046 |
| <i>Pomoxis nigromaculatus</i> | 808464 | | | 808047 |
| Cheilodactylidae | | | | 808050 |
| <i>Cheilodactylus macropterus</i> | 808363 | | | 808056 |
| Cichlidae | | | | 808062 |
| <i>Tilapia</i> | 807193 | | | 808101 |
| <i>Tilapia leucosticta</i> | 808977 | | | 808102 |
| <i>Tilapia shirana</i> | 803650 | | | 807732 |
| <i>Tilapia spilurus</i> | 808977 | | | 803873 |
| Lutjanidae | | | | 803895 |
| <i>Lutjanus purpureus</i> | 806941 | | | 804411 |
| Percidae | 803895 | | | 808464 |
| <i>Perca flavescens</i> | 803627 | | <i>Dorosoma petenense</i> | 808466 |
| | 806650 | | <i>Sardinella anchovia</i> | 807030 |
| | 808464 | | <i>Sardinops sagax</i> | 808317 |
| <i>Perca fluviatilis</i> | 808458 | | | 808319 |
| <i>Stizostedion</i> | 806650 | | | 808754 |
| <i>Stizostedion canadense</i> | 804525 | | <i>Sprattus sprattus</i> | 805325 |
| | 808464 | | | 805326 |
| <i>Stizostedion lucioperca</i> | 808802 | | | 808065 |
| <i>Stizostedion vitreum</i> | 803627 | | | 808459 |
| | 803873 | | Engraulidae | |
| | 804411 | | <i>Engraulis encrasicolus</i> | 807272 |
| | 807557 | | <i>Engraulis mordax</i> | 804727 |
| | 808802 | | | 807888 |
| Sciaenidae | | | | 808317 |
| <i>Aplodinotus grunniens</i> | 803873 | | | 808319 |
| | 804411 | | <i>Engraulis ringens</i> | 808754 |
| | 805641 | | Characidae | 808389 |
| <i>Pseudosciaena polyactis</i> | 806650 | | Catostomidae | 807193 |
| Serranidae | 804472 | | <i>Carpoides carpio</i> | 803895 |
| | | | | 804411 |
| <i>Morone chrysops</i> | 804411 | | <i>Ictiobus niger</i> | 808464 |
| <i>Morone mississippiensis</i> | 808901 | | <i>Pantosteus delphinus</i> | 804411 |
| | | | <i>Xyrauchen texanus</i> | 807090 |
| | | | | 807090 |

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|----------------------------------|--------|-------------------------------|--------|---------------------|
| Cyprinidae | 803895 | <i>Salmo trutta</i> | 80467 | Population dynamics |
| | 808458 | | 805813 | (continued) |
| <i>Abramis</i> | 807701 | | 806036 | |
| <i>Abramis brama</i> | 807709 | | 806414 | |
| <i>Barbus paludinosus</i> | 803650 | | 807090 | |
| <i>Cyprinus carpio</i> | 804411 | | 807959 | |
| | 806650 | <i>Salvelinus fontinalis</i> | 804667 | |
| | 808464 | | 806034 | |
| <i>Gila elegans</i> | 807794 | | 806036 | |
| <i>Gila robusta</i> | 807090 | | 807801 | |
| | 807794 | <i>Salvelinus namaycush</i> | 803873 | |
| <i>Notropis ariommus</i> | 807614 | | 805641 | |
| <i>Notropis stramineus</i> | 807832 | | 806650 | |
| <i>Ptychocheilus lucius</i> | 807090 | Developing egg | | |
| | 807794 | Larva | | |
| <i>Ptychocheilus oregonensis</i> | 806400 | Engraulidae | | |
| Ariidae | | <i>Engraulis mordax</i> | 808313 | |
| <i>Arius</i> | 808633 | Larva | | |
| Clariidae | | Teleostei | 803866 | |
| <i>Clarias mossambicus</i> | 803650 | Melamphaeidae | 808314 | |
| Ictaluridae | 803895 | Trachipteridae | 808314 | |
| | 804411 | Carangidae | 808314 | |
| Siluridae | | Scombridae | 808314 | |
| <i>Silurus glanis</i> | 808458 | Trichiuridae | 808314 | |
| Hiodontidae | | Centrolophidae | 808314 | |
| <i>Hiodon alosoides</i> | 808464 | Tetragonuridae | 808314 | |
| Mormyridae | 807193 | Chiasmodontidae | 808314 | |
| Batrachoidiformes | | Bothidae | 808314 | |
| <i>Porichthys notatus</i> | 808715 | Pleuronectidae | 808314 | |
| Gadidae | | Scorpaenidae | 808314 | |
| <i>Gadus morhua</i> | 805098 | Clupeidae | 808314 | |
| | 805269 | <i>Clupea harengus</i> | 805317 | |
| | 805271 | Engraulidae | | |
| | 805274 | <i>Engraulis mordax</i> | 808314 | |
| | 807417 | Anguilliformes | 808314 | |
| | 808031 | Bregmacerotidae | 808314 | |
| | 808035 | Gadidae | 808314 | |
| | 808084 | Merlucciidae | | |
| <i>Lota lota</i> | 807008 | <i>Merluccius productus</i> | 808314 | |
| <i>Melanogrammus aeglefinus</i> | 804691 | Argentinidae | 808314 | |
| | 805274 | Bathylagidae | 808314 | |
| | 805284 | Myctophidae | 808314 | |
| | 805285 | Paralepididae | 808314 | |
| | 808040 | Scopelarchidae | 808314 | |
| <i>Merlangius merlangus</i> | 808092 | Astronesthidae | 808314 | |
| | 808041 | Chauliodontidae | 808314 | |
| | 808042 | Gonostomatidae | 808314 | |
| | 808043 | Idiacanthidae | 808314 | |
| | 808044 | Melanostomiatidae | 808314 | |
| Merlucciidae | | Sternoptichidae | 808314 | |
| <i>Merluccius productus</i> | 808317 | Stromiidae | 808314 | |
| | 808754 | Young | | |
| Chanidae | | Cyprinidae | | |
| <i>Chanos chanos</i> | 808633 | <i>Abramis brama</i> | 804433 | |
| Esocidae | | <i>Leuciscus idus</i> | 804433 | |
| <i>Esox lucius</i> | 807008 | <i>Rutilus rutilus</i> | 804433 | |
| | 808458 | Young | | |
| | 808464 | Gasterosteidae | | |
| | 808802 | <i>Gasterosteus aculeatus</i> | 805085 | |
| Salangidae | | Salmonidae | | |
| <i>Salangichthys microdon</i> | 806646 | <i>Oncorhynchus nerka</i> | 805085 | |
| Osmeridae | | <i>Salmo salar</i> | 805329 | |
| <i>Hypomesus olidus</i> | 806646 | Rate of growth | | |
| Salmonidae | 807275 | Clupeidae | | |
| | 808410 | <i>Clupea harengus</i> | 808058 | |
| <i>Coregonus</i> | 805641 | | 808115 | |
| | 806650 | Fecundity | | |
| <i>Coregonus artedii</i> | 803873 | Cyprinidae | | |
| <i>Coregonus autumnalis</i> | 807747 | <i>Abramis ballerus</i> | 807702 | |
| <i>Coregonus clupeaformis</i> | 803873 | Population structure | | |
| <i>Oncorhynchus</i> | 803793 | Merlucciidae | | |
| <i>Oncorhynchus gorbuscha</i> | 806617 | <i>Merluccius merluccius</i> | 808297 | |
| <i>Oncorhynchus keta</i> | 806646 | Interspecific competition | | |
| | 807669 | Clupeidae | | |
| <i>Oncorhynchus kisutch</i> | 806037 | <i>Brevoortia tyrannus</i> | 805097 | |
| | 807838 | <i>Sardinops caerulea</i> | 805097 | |
| <i>Oncorhynchus nerka</i> | 803624 | Age class distribution | | |
| | 806617 | Gadidae | | |
| | 806647 | <i>Gadus morhua</i> | 807541 | |
| | 807261 | Salmonidae | | |
| | 807378 | <i>Oncorhynchus gorbuscha</i> | 807731 | |
| | 807759 | <i>Oncorhynchus keta</i> | 807731 | |
| | 808659 | <i>Oncorhynchus nerka</i> | 807731 | |
| <i>Oncorhynchus tshawytscha</i> | 806873 | Population density | | |
| | 807838 | Scombridae | | |
| | 808657 | <i>Thunnus albacares</i> | 808281 | |
| <i>Salmo clarki</i> | 806037 | Length frequency | | |
| <i>Salmo gairdneri</i> | 803793 | Theraponidae | | |
| | 805641 | <i>Therapon plumbeus</i> | 808633 | |
| | 807090 | Feeding | | |
| | 807959 | Age class distribution | | |
| <i>Salmo salar</i> | 807708 | Osmeridae | | |
| | 808070 | <i>Osmerus eperlanus</i> | 807687 | |
| | 808072 | | | |

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|------------------------------------|-------------------------------------|--------|---------------------------------|--------|
| Population dynamics (continued) | Reproduction | | Apogonidae | |
| | Osmeridae | | <i>Apogon endekataenia</i> | 805205 |
| | <i>Osmerus eperlanus</i> | 807687 | Carangidae | |
| | Reproduction | | <i>Trachurus symmetricus</i> | 808315 |
| | Cyprinidae | | Centrarchidae | |
| | <i>Abramis brama</i> | 807648 | <i>Lepomis gibbosus</i> | 807222 |
| | Fast flowing streams | | <i>Lepomis macrochirus</i> | 805140 |
| | Catostomidae | | <i>Micropterus salmoides</i> | 808157 |
| | <i>Erimyzon tenuis</i> | 807808 | <i>Pomoxis annularis</i> | 808157 |
| | Host parasite interactions | | Centropomidae | 808792 |
| | Cestoda | | <i>Lates niloticus</i> | 808023 |
| | Percidae | | Cichlidae | 808023 |
| | <i>Perca flavescens</i> | 807393 | <i>Cichlasoma tetraodon</i> | 808157 |
| | Fishing mortality | | Embiotocidae | 807233 |
| | Computer analysis | 807353 | <i>Brachyistius frenatus</i> | 807228 |
| | Productivity | | <i>Ditrema temminckii</i> | 805205 |
| | Cyprinidae | | <i>Embiotoca jacksoni</i> | 807228 |
| | <i>Alburnus alburnus</i> | 805104 | Gerreidae | |
| | <i>Gobio gobio</i> | 805104 | <i>Gerres japonicus</i> | 805205 |
| | <i>Leuciscus leuciscus</i> | 805104 | <i>Gerres macrostoma</i> | 805205 |
| | <i>Rutilus rutilus</i> | 805104 | Kyphosidae | |
| | Impoundment manipulation | | <i>Girella nigricans</i> | 807228 |
| | Centrarchidae | | <i>Medialuna californiensis</i> | 807228 |
| | <i>Lepomis macrochirus</i> | 807807 | | 807233 |
| Cycles of abundance | | | Lethrinidae | |
| | Centrarchidae | | <i>Lethrinus nematocanthus</i> | 805205 |
| | <i>Micropterus punctulatus</i> | 806162 | Percidae | 807222 |
| | <i>Micropterus salmoides</i> | 806162 | Pomacentridae | |
| | Pleuronectidae | | <i>Chromis punctipinnis</i> | 807228 |
| | <i>Reinhardtius hippoglossoides</i> | 807106 | | 807233 |
| | Cyprinidae | | <i>Hypsopops rubicunda</i> | 807228 |
| | <i>Cyprinus carpio</i> | 806162 | Sciaenidae | |
| | Ictaluridae | | <i>Cynoscion petranus</i> | 804304 |
| | <i>Pylodictis olivaris</i> | 806162 | Serranidae | |
| | Merlucciidae | | <i>Paralabrax clathratus</i> | 807228 |
| | <i>Merluccius productus</i> | 808317 | | 807233 |
| | Salmonidae | | <i>Paralabrax nebulifer</i> | 807233 |
| | <i>Oncorhynchus nerka</i> | 807665 | <i>Plectropomus maculatus</i> | 805724 |
| | <i>Salvelinus fontinalis</i> | 803585 | Scombridae | |
| | Fry | | <i>Euthynnus pelamis</i> | 803621 |
| | Mugiloidae | | | 804626 |
| | <i>Mugil</i> | 806893 | <i>Thunnus albacares</i> | 804626 |
| | Chanidae | | Bathymasteridae | |
| | <i>Chanos chanos</i> | 806893 | <i>Rathbunella hypoplecta</i> | 807233 |
| Population density | | 807127 | Bothidae | |
| | Petromyzontomorph | | <i>Paralichthys oblongus</i> | 806497 |
| | <i>Lampetra planeri</i> | 805961 | Congiopodoidei | |
| | | 805976 | <i>Hypodytes rubripinnis</i> | 805205 |
| | Squalomorpha | 805672 | Cottidae | |
| | Acipenseromorpha | 807660 | <i>Artedius corallinus</i> | 807233 |
| | <i>Acipenser gueldenstaedtii</i> | 807222 | <i>Cottus gobio</i> | 805961 |
| | | 807658 | | 805033 |
| | <i>Acipenser ruthenus</i> | 807222 | | 807222 |
| | <i>Acipenser stellatus</i> | 807658 | <i>Cottus poecilopus</i> | 805205 |
| | Polypetromorpha | 808023 | <i>Pseudoblennius cottoides</i> | 805205 |
| | Teleostei | 806739 | <i>Pseudoblennius percoides</i> | 805205 |
| | | 807246 | <i>Vellitor centropomus</i> | 805205 |
| | | 807935 | Hexagrammidae | |
| | | 808496 | <i>Oxylebius pictus</i> | 807228 |
| | | 808497 | | 807233 |
| | | 808792 | Scorpenidae | |
| | Gasterosteidae | | <i>Sebastes atrovirens</i> | 807228 |
| | <i>Gasterosteus aculeatus</i> | 805961 | <i>Sebastes carnatus</i> | 807228 |
| | | 805976 | <i>Sebastes inermis</i> | 805205 |
| | | 806033 | Balistidae | |
| | | 806851 | <i>Monacanthus cirrhifer</i> | 805205 |
| | | 807256 | <i>Monacanthus japonicus</i> | 805205 |
| | | 808659 | <i>Rudarius ercodes</i> | 805205 |
| | <i>Pungitius pungitius</i> | 806851 | Tetraodontidae | |
| | Siganidae | | <i>Fugu niphobles</i> | 805205 |
| | <i>Siganus fuscescens</i> | 805205 | Atherinidae | |
| | Chnidae | | <i>Atherinops affinis</i> | 807228 |
| | <i>Neoclinus stephensae</i> | 807233 | Poeciliidae | |
| | Gobiidae | 806634 | <i>Gambusia puncticulata</i> | 808157 |
| | <i>Boleophthalmus dussumieri</i> | 805721 | <i>Poecilia vittata</i> | 808157 |
| | | 806721 | Scomberesocidae | |
| | <i>Chaenogobius heptacanthus</i> | 805205 | <i>Cololabis saira</i> | 806502 |
| | <i>Chasmichthys dolichognathus</i> | 806228 | <i>Scomberesox saurus</i> | 805336 |
| | <i>Chasmichthys gulosus</i> | 806228 | | 805337 |
| | <i>Coryphopterus nicholsi</i> | 807233 | Clupeidae | |
| | <i>Protocorhinus marmoratus</i> | 807222 | <i>Clupea harengus</i> | 805308 |
| | <i>Pterogobius zonoleucus</i> | 805205 | | 805313 |
| | Labridae | | <i>Dorosoma cepedianum</i> | 806168 |
| | <i>Duymaeria flagellifera</i> | 805205 | <i>Dorosoma petenense</i> | 806168 |
| | <i>Halicthoeres tenuispinnis</i> | 805205 | <i>Sardinella longiceps</i> | 807079 |
| | <i>Labroides dimidiatus</i> | 806677 | Engraulidae | |
| | <i>Oxyulys californica</i> | 807228 | <i>Engraulis encrasicolus</i> | 807078 |
| | | 807233 | | 807272 |
| | <i>Pimelometopon pulchrum</i> | 807228 | Anguillidae | |
| | | 807233 | <i>Anguilla anguilla</i> | 805961 |
| | | | | 805976 |
| | | | | 807222 |
| | Nototheniidae | | | |
| | <i>Trematomus borcherdvinki</i> | 805048 | | |

| | | | Population dynamics (continued) |
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| <i>Anguilla australis</i> | 804829 | Egg | |
| <i>Anguilla dieffenbachi</i> | 804829 | Larva | |
| Congridae | | Clupeidae | |
| <i>Gorgasia sillneri</i> | 804854 | <i>Sprattus sprattus</i> | 805325 |
| <i>Taenioconger hassi</i> | 804854 | Gadidae | |
| Characidae | 808023 | <i>Gadus morhua</i> | 805281 |
| Citharidae | 808023 | Developing egg | |
| Distichodontidae | 808023 | Clupeidae | |
| Catostomidae | | <i>Sardina pilchardus</i> | 808303 |
| <i>Carpiodes carpio</i> | 807844 | Salmonidae | 806016 |
| Cobitidae | 807222 | Larva | |
| <i>Noemacheilus barbatulus</i> | 805961 | Salmonidae | 806016 |
| | 805976 | <i>Oncorhynchus gorbuscha</i> | 806022 |
| Cyprinidae | 807222 | <i>Oncorhynchus keta</i> | 806022 |
| | 808024 | Juvenile | |
| <i>Abramis brama</i> | 807238 | Gobiidae | |
| <i>Gobio gobio</i> | 805976 | <i>Chaenogobius isaza</i> | 807948 |
| <i>Phoxinus phoxinus</i> | 805961 | Larva | |
| | 805976 | Scombridae | 807694 |
| | 806033 | Clupeidae | 807694 |
| | 808023 | <i>Clupea harengus</i> | 805300 |
| Bagridae | | | 807072 |
| Clariidae | 808023 | Anguilliformes | 808015 |
| <i>Clarias</i> | | Bregmacrotidae | |
| Ictaluridae | | <i>Bregmaceros maclellandi</i> | 807694 |
| <i>Ictalurus nebulosus</i> | 807222 | Myctophidae | 808314 |
| Malapteruridae | 808023 | | |
| <i>Malapterurus electricus</i> | 808023 | Osmeridae | |
| Mochokidae | 808023 | <i>Mallotus villosus</i> | 808008 |
| Plotosidae | | Gonostomatidae | 808314 |
| <i>Plotosus anguillaris</i> | 805205 | <i>Cyclothone</i> | 807694 |
| Siluridae | | <i>Vinciguerria</i> | 807694 |
| <i>Silurus glanis</i> | 807222 | | |
| Gymnarchidae | | Fry | |
| <i>Gymnarchus niloticus</i> | 808023 | Salmonidae | |
| Mormyridae | 808023 | <i>Oncorhynchus nerka</i> | 807257 |
| Osteoglossidae | | Young | |
| <i>Heterotis niloticus</i> | 808023 | Ammodytidae | 803519 |
| Gadidae | | Stichaeidae | 803519 |
| <i>Gadus morhua</i> | 805277 | Spindae | |
| | 805278 | <i>Eynniss japonica</i> | 805626 |
| <i>Lota lota</i> | 807222 | <i>Pagrus major</i> | 805626 |
| <i>Melanogrammus aeglefinus</i> | 805288 | Scorpaenidae | |
| | 805289 | <i>Sebastes marinus</i> | 805335 |
| | 805290 | <i>Sebastes mentella</i> | 805335 |
| <i>Merlangius merlangus</i> | 805294 | Clupeidae | |
| | 805295 | <i>Clupea harengus</i> | 805309 |
| | 805296 | Gadidae | |
| | 807104 | <i>Melanogrammus aeglefinus</i> | 805285 |
| Merlucciidae | | Salmonidae | 803519 |
| <i>Merluccius productus</i> | 804988 | Seasonal changes | |
| | 806326 | Gadidae | |
| | | <i>Gadus morhua</i> | 805276 |
| Esocidae | | Rate of growth | |
| <i>Esox lucius</i> | 807222 | Experimental analysis | |
| Umbridae | | Salmonidae | |
| <i>Umbra krameri</i> | 807222 | <i>Oncorhynchus kisutch</i> | 806032 |
| Osmeridae | | <i>Salmo gairdneri</i> | 806032 |
| <i>Hypomesus olidus</i> | 806851 | Populations | |
| Salmonidae | 806016 | Salmonidae | |
| | 806035 | <i>Oncorhynchus nerka</i> | 807261 |
| | 807222 | Population structure | |
| | 807775 | Mathematical population models | |
| <i>Coregonus sardinella</i> | 806851 | Engraulidae | |
| <i>Oncorhynchus kisutch</i> | 806025 | <i>Cetengraulis mysticetus</i> | 808282 |
| <i>Oncorhynchus nerka</i> | 805085 | Population changes | |
| | 806851 | Clupeidae | |
| | 807117 | <i>Sardinops sagax</i> | 808317 |
| | 807256 | Engraulidae | |
| <i>Salmo salar</i> | 808659 | <i>Engraulis mordax</i> | 808317 |
| | 805961 | Merlucciidae | |
| | 805976 | <i>Merluccius productus</i> | 808317 |
| | 807445 | Interspecific competition | |
| <i>Salmo trutta</i> | 805813 | Experimental analysis | |
| | 805961 | Salmonidae | |
| | 805976 | <i>Oncorhynchus kisutch</i> | 806032 |
| | 806033 | <i>Salmo gairdneri</i> | 806032 |
| <i>Salvelinus fontinalis</i> | 806036 | Seasonal changes | |
| | 803585 | Cyprinodontidae | |
| | 806034 | <i>Epiplatys bifasciatus</i> | 808275 |
| | 806036 | Salmonidae | |
| <i>Salvelinus leucomacnis</i> | 807117 | <i>Salvelinus fontinalis</i> | 806972 |
| Effect on fish | | Salmonidae | |
| Fry | | <i>Salmo trutta</i> | 806414 |
| Salmonidae | | Fishery statistics | |
| <i>Salmo salar</i> | 808149 | Computer analysis | 807353 |
| Migrations | | Natural mortality | |
| Salmonidae | | Poeciliidae | |
| <i>Salmo salar</i> | 808149 | <i>Gambusia affinis</i> | 807179 |
| Natural mortality | | Density dependent regulation | |
| Salmonidae | | Gobiidae | |
| <i>Salmo salar</i> | 808149 | <i>Chaenogobius isaza</i> | 807948 |
| Fecundity | | Percidae | |
| Cyprinidae | | <i>Stizostedion vitreum</i> | 807560 |
| <i>Alburnus alburnus</i> | 807525 | | |
| <i>Rutilus rutilus</i> | 807525 | | |

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|---|------------------------------------|--------|-------------------------------------|--------|
| Population dynamics (continued) | Pleuronectidae | | <i>Pomoxis annularis</i> | 806162 |
| | <i>Lepidopsetta bilineata</i> | 807906 | <i>Pomoxis nigromaculatus</i> | 806162 |
| | Clupeidae | | Centropomidae | |
| | <i>Clupea harengus</i> | 807733 | <i>Lates niloticus</i> | 805378 |
| | | 808915 | Cichlidae | |
| | Cyprinidae | | <i>Tilapia aurea</i> | 806110 |
| | <i>Abramis brama</i> | 807709 | <i>Tilapia leucosticta</i> | 808977 |
| | Esocidae | | <i>Tilapia spilurus</i> | 808977 |
| | <i>Esox lucius</i> | 805970 | Percidae | |
| | Salmonidae | 806035 | <i>Perca flavescens</i> | 807178 |
| | <i>Oncorhynchus keta</i> | 807669 | <i>Sizostedion vitreum</i> | 807178 |
| | <i>Oncorhynchus nerka</i> | 807759 | Serranidae | |
| | | 808659 | <i>Morone chrysops</i> | 806169 |
| | <i>Salmo trutta</i> | 808362 | Bothidae | |
| | <i>Salvelinus fontinalis</i> | 803585 | <i>Lepidorhombus whiffiagonis</i> | 808140 |
| | Developing egg | | Pleuronectidae | |
| | Larva | | <i>Glyptocephalus cynoglossus</i> | 808140 |
| | Salmonidae | | <i>Hippoglossoides platessoides</i> | 807417 |
| | <i>Oncorhynchus gorbusha</i> | 806022 | <i>Microstomus kitt</i> | 808140 |
| | <i>Oncorhynchus keta</i> | 806022 | Scophthalmidae | |
| | Juvenile | | <i>Scophthalmus macoticus</i> | 807274 |
| | Experimental analysis | | Cottidae | |
| | Salmonidae | | <i>Cottus gobio</i> | 805199 |
| | <i>Oncorhynchus kisutch</i> | 806032 | | 805459 |
| | <i>Salmo gairdneri</i> | 806032 | <i>Cottus poecilopus</i> | 805199 |
| | Rate of growth | | | 805459 |
| | Salmonidae | | Poeciliidae | |
| | <i>Salmo gairdneri</i> | 806080 | <i>Gambusia affinis</i> | 807578 |
| | Recruitment | | <i>Poeciliopsis occidentalis</i> | 807578 |
| | Clupeidae | | Clupeidae | |
| | <i>Clupea harengus</i> | 805098 | <i>Dorosoma cepedianum</i> | 806169 |
| | <i>Gadus morhua</i> | 805098 | Characidae | |
| | Mathematical population models | 808341 | <i>Alestes macrophthalmus</i> | 804392 |
| | Population diversity | | Catostomidae | 808486 |
| | Acipenseromorpha | | <i>Minytrema melanops</i> | 806169 |
| | <i>Acipenser sturio</i> | 807097 | Cyprinidae | |
| | Teleostei | 805205 | <i>Barbus holubi</i> | 806121 |
| | | 805465 | <i>Blicca bojeri</i> | 804076 |
| | | 807097 | <i>Cyprinus carpio</i> | 806110 |
| | | 807227 | | 806121 |
| | | 807246 | Gadidae | |
| | | 805205 | <i>Gadus morhua</i> | 807417 |
| | Gobiidae | 807094 | | 807421 |
| | Cyprinidae | 807097 | <i>Melanogrammus aeglefinus</i> | 807421 |
| | Seasonal changes | | Umbridae | |
| | Computer analysis | | <i>Novumbra hubbsi</i> | 806856 |
| | Dasyatidae | 806120 | Osmeridae | |
| | Teleostei | 806120 | <i>Hypomesus olidus</i> | 806851 |
| | Population balance | | <i>Osmerus mordax</i> | 805541 |
| | Centrarchidae | | Salmonidae | 808486 |
| | <i>Lepomis macrochirus</i> | 806162 | <i>Coregonus sardinella</i> | 806851 |
| | <i>Micropterus salmoides</i> | 806162 | <i>Oncorhynchus</i> | 807696 |
| | <i>Pomoxis annularis</i> | 806162 | <i>Oncorhynchus nerka</i> | 806851 |
| | <i>Pomoxis nigromaculatus</i> | 806162 | | 807256 |
| | Clupeidae | | | 809034 |
| | <i>Dorosoma cepedianum</i> | 806162 | <i>Salmo gairdneri</i> | 806780 |
| | Intraspecific competition | 807887 | <i>Salmo salar</i> | 806029 |
| | Cyprinidae | | <i>Salmo trutta</i> | 806029 |
| | <i>Cyprinus carpio</i> | 806122 | | 806780 |
| | Salmonidae | | <i>Salvelinus alpinus</i> | 805541 |
| | <i>Salmo gairdneri</i> | 806252 | | 807696 |
| | <i>Salmo trutta</i> | 806252 | | 809034 |
| | Descriptive evolution | | <i>Salvelinus fontinalis</i> | 805541 |
| | Cyprinidae | | Experimental analysis | |
| | <i>Phoxinus phoxinus</i> | 806251 | Salmonidae | |
| | <i>Rutilus rutilus</i> | 806251 | <i>Oncorhynchus kisutch</i> | 806032 |
| | Larva | | <i>Salmo gairdneri</i> | 806032 |
| | Salmonidae | | Effect on fish | |
| | <i>Oncorhynchus kisutch</i> | 806021 | Explosive radiation | |
| | Interspecific competition | 807887 | Cichlidae | 806106 |
| | Teleostei | 804330 | Young | |
| | | 806167 | Salmonidae | |
| | | 807913 | <i>Oncorhynchus</i> | 807731 |
| | | 809064 | Extinction | |
| | Gasterosteidae | | Porolepidomorpha | |
| | <i>Gasterosteus aculeatus</i> | 806851 | <i>Holoptychius</i> | 806283 |
| | | 807256 | Teleostei | 806283 |
| | | 807543 | Population diversity | |
| | <i>Pungitius pungitius</i> | 806851 | Teleostei | 805371 |
| | Acanthuridae | 805679 | Availability and use of food | |
| | Gobiidae | 806634 | Centrarchidae | 806913 |
| | <i>Chasmichthys dolichognathus</i> | 806228 | Cyprinodontidae | |
| | <i>Chasmichthys gulosus</i> | 806228 | <i>Cyprinodon</i> | 806913 |
| | <i>Gobius niger</i> | 806118 | Feeding | |
| | <i>Gobius ophioccephalus</i> | 806118 | Embrioticidae | 805609 |
| | <i>Gobius paganellus</i> | 806118 | Anguillidae | |
| | <i>Pomatoschistus marmoratus</i> | 806118 | <i>Anguilla australis</i> | 808362 |
| | <i>Pomatoschistus microps</i> | 806118 | <i>Anguilla dieffenbachii</i> | 808362 |
| | Centrarchidae | | Salmonidae | |
| | <i>Lepomis macrochirus</i> | 806169 | <i>Salmo trutta</i> | 808362 |
| | <i>Micropterus salmoides</i> | 806162 | Juvenile | |
| | | 806169 | Salmonidae | |
| | <i>Pomoxis</i> | 806169 | <i>Oncorhynchus kisutch</i> | 807824 |
| | | | <i>Salmo gairdneri</i> | 807824 |

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|-------------------------------------|--------|-------------------------------|--------|--|
| Gut contents | | <i>Platichthys flesus</i> | 805333 | Population dynamics (continued) |
| Computer analysis | | <i>Platichthys stellatus</i> | 806881 | |
| Teleostei | 807911 | <i>Pleuronectes platessa</i> | 805333 | |
| Fishery dynamics | | | 808075 | |
| Clupeidae | | Soleidae | | |
| <i>Sardinops sagax</i> | 807528 | <i>Solea solea</i> | 808076 | |
| Engraulidae | | Cottidae | | |
| <i>Engraulis mordax</i> | 807528 | <i>Cottus gobio</i> | 805961 | |
| Merlucciidae | | Scorpaenidae | | |
| <i>Merluccius productus</i> | 807528 | <i>Sebastes marinus</i> | 805335 | |
| Artificial rearing environments | | | 808074 | |
| Cyprinidae | 808593 | <i>Sebastes mentella</i> | 805335 | |
| Computer analysis | | | 807713 | |
| Scombridae | | | 808074 | |
| <i>Euthynnus pelamis</i> | 807854 | Clupeidae | | |
| <i>Thunnus albacares</i> | 807854 | <i>Alosa aestivalis</i> | 807861 | |
| Clupeidae | | <i>Alosa kessleri</i> | 807748 | |
| <i>Sardinops sagax</i> | 807854 | <i>Alosa pseudoharengus</i> | 807861 | |
| | 808928 | <i>Caspalosa kessleri</i> | 807679 | |
| Engraulidae | | <i>Clupea harengus</i> | 805063 | |
| <i>Engraulis mordax</i> | 807854 | | 805297 | |
| | 808928 | | 805299 | |
| Exclusion principle | | | 805301 | |
| Acanthuridae | 805679 | | 805302 | |
| Amblyopsidae | | | 805303 | |
| <i>Amblyopsis</i> | 808771 | | 805305 | |
| <i>Typhlichthys subterraneus</i> | 808771 | | 805306 | |
| Age class distribution | 807887 | | 805308 | |
| Acipenseromorpha | 807660 | | 805310 | |
| Teleostei | 807707 | | 805311 | |
| Gasterosteidae | | | 805313 | |
| <i>Gasterosteus aculeatus</i> | 805961 | | 805314 | |
| | 806851 | | 805315 | |
| | 807275 | | 805316 | |
| Anarhichadidae | 806559 | | 805317 | |
| Mugiloidi | 808299 | | 805318 | |
| Carangidae | | | 805319 | |
| <i>Trachurus symmetricus</i> | 808315 | | 805320 | |
| Centrarchidae | 804411 | | 805321 | |
| <i>Pomoxis annularis</i> | 806166 | | 805910 | |
| | 808464 | | 805911 | |
| | 808796 | | 806432 | |
| <i>Pomoxis nigromaculatus</i> | 808464 | | 806916 | |
| Lutjanidae | | | 807897 | |
| <i>Lutjanus purpureus</i> | 806941 | | 807898 | |
| Percidae | | | 807899 | |
| <i>Perca flavescens</i> | 808464 | | 807900 | |
| <i>Perca fluviatilis</i> | 805716 | | 807922 | |
| <i>Stizostedion canadense</i> | 804525 | | 807923 | |
| | 806166 | | 808046 | |
| | 808464 | | 808047 | |
| | 808802 | | 808048 | |
| <i>Stizostedion vitreum</i> | 804411 | | 808050 | |
| | 807179 | | 808052 | |
| | 808802 | | 808053 | |
| Sciaenidae | | | 808054 | |
| <i>Aplodinotus grunniens</i> | 804411 | | 808055 | |
| | 806166 | | 808056 | |
| | 808464 | | 808060 | |
| <i>Macraron ancydon</i> | 804305 | | 808061 | |
| <i>Pseudotolithus elongatus</i> | 805648 | | 808062 | |
| <i>Pseudotolithus senegalensis</i> | 805648 | | 808063 | |
| | 808648 | | 808064 | |
| <i>Pseudotolithus typus</i> | 805648 | | 808102 | |
| Serranidae | | | 808103 | |
| <i>Morone americana</i> | 805874 | | 808105 | |
| <i>Morone chrysops</i> | 804411 | | 808106 | |
| <i>Paralabrax clathratus</i> | 807229 | | 808108 | |
| Sparidae | | | 808110 | |
| <i>Pagrus major</i> | 805625 | | 808111 | |
| <i>Stenotomus chrysops</i> | 807558 | | 808112 | |
| | 807562 | | 808113 | |
| Scombridae | | | 808114 | |
| <i>Rastrelliger brachysoma</i> | 808576 | | 808118 | |
| <i>Rastrelliger kanagurta</i> | 808576 | | 808119 | |
| <i>Scomber scombrus</i> | 805327 | | 808915 | |
| | 808066 | | 809060 | |
| | 808068 | <i>Clupea pallasii</i> | 804432 | |
| | 808121 | <i>Dorosoma cepedianum</i> | 804411 | |
| | 808122 | <i>Opisthopterus tardoore</i> | 808574 | |
| <i>Scomberomorus cavalla</i> | 808187 | <i>Sardina pilchardus</i> | 806916 | |
| <i>Scomberomorus maculatus</i> | 808187 | <i>Sardinella</i> | 805361 | |
| <i>Thunnus alalunga</i> | 808652 | <i>Sardinella aurita</i> | 805925 | |
| <i>Thunnus albacares</i> | 804317 | <i>Sardinella cba</i> | 805925 | |
| | 808283 | <i>Sardinella longiceps</i> | 808573 | |
| Cynoglossidae | | <i>Sardinops ocellata</i> | 808576 | |
| <i>Cynoglossus semifasciatus</i> | 808580 | <i>Sprattus sprattus</i> | 806916 | |
| Pleuronectidae | | | 805323 | |
| <i>Hippoglossoides platessoides</i> | 807417 | | 805324 | |
| <i>Hippoglossus hippoglossus</i> | 805331 | | 805326 | |
| <i>Hippoglossus stenolepis</i> | 808159 | | 808065 | |
| <i>Lepidopsetta bilineata</i> | 807906 | | 808120 | |
| <i>Limanda aspera</i> | 804116 | | 808459 | |
| | 807907 | | | |

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|------------------------------------|--------------------------------|--------|------------------------------------|--------|
| Population dynamics (continued) | Engraulidae | | Osmeridae | |
| | <i>Cetengraulis mysticetus</i> | 808646 | <i>Hypomesus olidus</i> | 806851 |
| | <i>Engraulis mordax</i> | 807890 | <i>Osmerus eperlanus</i> | 807687 |
| | | 807894 | Salmonidae | |
| | | 808317 | <i>Coregonus sardinella</i> | 806851 |
| Catostomidae | | | <i>Oncorhynchus keta</i> | 808790 |
| <i>Carpiodes carpio</i> | | 804411 | <i>Salmo mykiss</i> | 807714 |
| | | 808464 | <i>Salmo penshinensis</i> | 807714 |
| <i>Ictiobus niger</i> | | 804411 | <i>Salmo salar</i> | 805330 |
| Cyprinidae | | | | 805961 |
| <i>Abramis brama</i> | | 807648 | | 805976 |
| | | 807709 | | 806879 |
| | | 807749 | | 807445 |
| <i>Blicca bjoerkna</i> | | 807291 | | 807708 |
| <i>Cyprinus carpio</i> | | 804411 | | 807780 |
| | | 807309 | | 808072 |
| | | 808464 | <i>Salmo trutta</i> | 805813 |
| <i>Gila elegans</i> | | 807794 | | 805961 |
| <i>Gila robusta</i> | | 807794 | | 805976 |
| <i>Leuciscus cephalus</i> | | 808441 | | 806036 |
| <i>Phoxinus phoxinus</i> | | 805961 | <i>Salvelinus fontinalis</i> | 803585 |
| <i>Pychocheilus lucius</i> | | 807794 | | 806036 |
| <i>Rutilus rutilus</i> | | 805716 | <i>Salvelinus malma</i> | 807275 |
| | | 807673 | Meristidae | |
| | | 807749 | Salmonidae | |
| Ictaluridae | | 804411 | <i>Oncorhynchus nerka</i> | 808747 |
| Hiodontidae | | | Morphometrics | |
| <i>Hiodon alosoides</i> | | 808464 | Clupeidae | |
| Gadidae | | | <i>Sprattus sprattus</i> | 806394 |
| <i>Gadus morhua</i> | | 805269 | Fecundity | |
| | | 805270 | Cyprinidae | |
| | | 805271 | <i>Abramis ballerus</i> | 807693 |
| | | 805272 | Larva | |
| | | 805273 | Petromyzontomorpha | |
| | | 805274 | <i>Petromyzon marinus</i> | 804722 |
| | | 805275 | Young | |
| | | 805277 | Gadidae | |
| | | 805278 | <i>Gadus morhua</i> | 805276 |
| | | 805279 | <i>Melanogrammus aeglefinus</i> | 808090 |
| | | 805282 | Salmonidae | |
| | | 807541 | <i>Oncorhynchus nerka</i> | 808659 |
| | | 808030 | Juvenile | |
| | | 808031 | Clupeidae | |
| | | 808032 | <i>Clupea harengus</i> | 808049 |
| | | 808033 | Populations | |
| | | 808034 | Clupeidae | |
| | | 808035 | <i>Clupea harengus</i> | 808917 |
| | | 808084 | Salmonidae | |
| | | 808085 | <i>Oncorhynchus nerka</i> | 807916 |
| | | 808086 | Population changes | |
| | | 808087 | Scombridae | |
| | | 808088 | <i>Thunnus albacares</i> | 808281 |
| | | 808089 | Seasonal changes | |
| | | 808091 | Mugiloidae | |
| <i>Melanogrammus aeglefinus</i> | | 805274 | <i>Mugil saliens</i> | 808300 |
| | | 805286 | Clupeidae | |
| | | 805287 | <i>Alosa kessleri</i> | 807711 |
| | | 805288 | <i>Opsithonema oglinum</i> | 807033 |
| | | 805290 | Cyprinidae | |
| | | 805291 | <i>Abramis brama</i> | 807238 |
| | | 805292 | Gadidae | |
| | | 808036 | <i>Melanogrammus aeglefinus</i> | 805284 |
| | | 808037 | Archeological data | |
| | | 808038 | Acipenseromorpha | |
| | | 808039 | <i>Acipenser stellatus</i> | 807706 |
| | | 808040 | Length frequency | |
| | | 808092 | Petromyzontomorpha | |
| | | 808095 | <i>Caspionmyzon wagneri</i> | 807755 |
| | | 808096 | Dasyatidae | |
| <i>Merlangius merlangus</i> | | 805294 | <i>Dasyatis centroura</i> | 804187 |
| | | 805295 | Acipenseromorpha | 807660 |
| | | 805296 | Berycidae | |
| | | 807104 | <i>Beryx splendens</i> | 807154 |
| | | 808041 | Channiformes | |
| | | 808042 | <i>Opheichthys striatus</i> | 806549 |
| | | 808043 | Gasterosteidae | |
| | | 808044 | <i>Gasterosteus aculeatus</i> | 805965 |
| | | 808100 | Syngnathidae | |
| <i>Pollachius virens</i> | | 805293 | <i>Syngnathus scovelli</i> | 807017 |
| | | 807074 | Ammodytidae | |
| Merlucciidae | | | <i>Ammodytes lancea</i> | 808128 |
| <i>Merluccius productus</i> | | 804988 | Anarhichadidae | 806559 |
| | | 808312 | Gobiidae | |
| Zoarceidae | | | <i>Chasmichthys dolichognathus</i> | 806228 |
| <i>Lycodopsis pacifica</i> | | 807500 | <i>Chasmichthys gulosus</i> | 806228 |
| Argentinidae | | | Mugiloidae | 808299 |
| <i>Argentina sphyraena</i> | | 803617 | | 808300 |
| | | 803868 | <i>Liza macrolepis</i> | 808575 |
| | | | <i>Mugil cephalus</i> | 808575 |
| Esocidae | | | <i>Rhinomugil corsula</i> | 806902 |
| <i>Esox lucius</i> | | 805970 | Carangidae | |
| | | 808464 | <i>Decapterus russelli</i> | 806727 |
| | | 808801 | | 807752 |
| | | 808802 | <i>Megalaspis cordyla</i> | 806727 |

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|-------------------------------------|--------|--------------------------------------|--------|---------------------|
| Centrarchidae | | <i>Parophrys vetulus</i> | 805946 | Population dynamics |
| <i>Lepomis cyanellus</i> | 804412 | | 805947 | (continued) |
| <i>Lepomis macrochirus</i> | 804412 | | 806195 | |
| <i>Micropterus salmoides</i> | 804412 | <i>Platichthys flesus</i> | 805333 | |
| | 807807 | | 805334 | |
| <i>Pomoxis annularis</i> | 806166 | <i>Platichthys stellatus</i> | 806881 | |
| | 808464 | <i>Pleuronectes platessa</i> | 805332 | |
| | 808792 | | 805333 | |
| <i>Pomoxis nigromaculatus</i> | 808464 | <i>Pseudopleuronectes americanus</i> | 807859 | |
| Cichlidae | 804217 | <i>Reinhardtius hippoglossoides</i> | 807767 | |
| <i>Hemihaplochromis multicolor</i> | 804708 | Soleidae | | |
| Kyphosidae | | <i>Solea solea</i> | 808300 | |
| <i>Trenidens indicus</i> | 808577 | <i>Trinectes maculatus</i> | 806872 | |
| Leiognathidae | | Agonidae | | |
| <i>Secutor insidiator</i> | 806728 | <i>Agonus cataphractus</i> | 807955 | |
| <i>Secutor ruconius</i> | 806728 | Cottidae | | |
| Mullidae | | <i>Cottus beldingi</i> | 808721 | |
| <i>Upeneus moluccensis</i> | 807014 | <i>Leptocottus armatus</i> | 807962 | |
| Nemipteridae | | Anoplopomatidae | | |
| <i>Nemipterus japonicus</i> | 807014 | <i>Anoplopoma fimbria</i> | 805948 | |
| | 807752 | Hexagrammidae | | |
| Percidae | | <i>Ophiodon elongatus</i> | 807914 | |
| <i>Perca flavescens</i> | 806166 | | 808867 | |
| | 808464 | Scorpaenidae | | |
| <i>Stizostedion canadense</i> | 808464 | <i>Sebastes alutus</i> | 807909 | |
| | 808792 | | 807915 | |
| <i>Stizostedion vitreum</i> | 807460 | | 807924 | |
| | 807560 | <i>Sebastes marinus</i> | 808127 | |
| Pomadasyidae | | <i>Sebastes melanostomus</i> | 807915 | |
| <i>Brachydeuterus auritus</i> | 806754 | <i>Sebastes mentella</i> | 808127 | |
| <i>Pomadasyg guoraka</i> | 807752 | Balistidae | | |
| Sciaenidae | | <i>Odonus niger</i> | 806728 | |
| <i>Aplocheilichthys grunniens</i> | 808464 | <i>Sufflamen capistratus</i> | 806728 | |
| <i>Cynoscion petranus</i> | 804304 | Triacanthidae | | |
| <i>Cynoscion virescens</i> | 807029 | <i>Triacanthus brevirostris</i> | 808577 | |
| <i>Johnius belengeri</i> | 807752 | Atherinidae | | |
| <i>Johnius soldado</i> | 807752 | <i>Pranesus pinguis</i> | 807014 | |
| <i>Pseudosciaena coibor</i> | 808586 | Cyprinodontidae | | |
| <i>Pseudotolithus elongatus</i> | 805648 | <i>Fundulus kansae</i> | 807834 | |
| <i>Pseudotolithus senegalensis</i> | 806747 | Scomberesocidae | | |
| | 806762 | <i>Cololabis saira</i> | 807111 | |
| | 808648 | <i>Scomberesox saurus</i> | 805337 | |
| <i>Pseudotolithus typus</i> | 806747 | Clupeidae | | |
| | 806762 | <i>Alosa kessleri</i> | 807711 | |
| Serranidae | | | 807748 | |
| <i>Epinephelus morio</i> | 806260 | <i>Caspilosa kessleri</i> | 807679 | |
| <i>Lateolabrax japonicus</i> | 807068 | <i>Clupea harengus</i> | 805299 | |
| <i>Morone americana</i> | 805874 | | 805301 | |
| <i>Paralabrax clathratus</i> | 807229 | | 805305 | |
| <i>Plectropomus maculatus</i> | 805724 | | 805306 | |
| Sparidae | | | 805308 | |
| <i>Acanthopagrus schlegelii</i> | 807068 | | 805311 | |
| <i>Chrysophrys auratus</i> | 806043 | | 805313 | |
| <i>Chrysophrys major</i> | 807068 | | 805314 | |
| <i>Eyynnus japonica</i> | 805626 | | 805315 | |
| <i>Pagrus major</i> | 805626 | | 805319 | |
| Polynemoidae | 804280 | | 805321 | |
| Scombridae | | | 805911 | |
| <i>Auxis thazard</i> | 807014 | | 806916 | |
| <i>Euthynnus pelamis</i> | 807014 | | 807897 | |
| | 807753 | | 807898 | |
| | 808364 | | 807899 | |
| <i>Scomber scombrus</i> | 808066 | | 807900 | |
| <i>Scomberomorus cavalla</i> | 806942 | | 807922 | |
| <i>Scomberomorus maculatus</i> | 806942 | | 807923 | |
| <i>Thunnus alalunga</i> | 807189 | | 808047 | |
| | 808147 | | 808049 | |
| | 808364 | | 808050 | |
| <i>Thunnus albacares</i> | 805654 | | 808054 | |
| | 808016 | | 808055 | |
| | 808279 | | 808059 | |
| <i>Thunnus obesus</i> | 808281 | | 808060 | |
| | 807189 | | 808061 | |
| | 808147 | | 808062 | |
| | 808279 | | 808105 | |
| <i>Thunnus thynnus</i> | 805903 | | 808110 | |
| | 807189 | | 808111 | |
| Trichiuridae | | | 808112 | |
| <i>Lepidopus caudatus</i> | 808130 | <i>Dorosoma petenense</i> | 808116 | |
| <i>Trichiurus haumela</i> | 807752 | <i>Hilsa ilisha</i> | 806168 | |
| Sphyracnoidae | | <i>Opisthopterus tardoore</i> | 808577 | |
| <i>Sphyracna chrysotaenia</i> | 807014 | <i>Sardinella</i> | 808574 | |
| <i>Sphyracna jello</i> | 807014 | | 805361 | |
| Cynoglossidae | | <i>Sardinella aurita</i> | 806726 | |
| <i>Cynoglossus semifasciatus</i> | 808580 | | 805925 | |
| Pleuronectidae | | | 808402 | |
| <i>Clidoderma asperium</i> | 808982 | <i>Sardinella eba</i> | 805925 | |
| <i>Hippoglossoides platessoides</i> | 807417 | <i>Sardinella longiceps</i> | 808573 | |
| <i>Hippoglossus hippoglossus</i> | 805331 | | 808587 | |
| | 808126 | <i>Sardinops neopilchardus</i> | 808361 | |
| <i>Hippoglossus stenolepis</i> | 808161 | <i>Sprattus sprattus</i> | 805324 | |
| <i>Lepidopsetta bilineata</i> | 807906 | | 808065 | |
| <i>Limanda aspera</i> | 804116 | | | |
| | 807907 | | | |

| Population dynamics (continued) | Engraulidae | | Sexually dimorphic size | |
|------------------------------------|------------------------------------|--------|-------------------------------------|--------|
| | <i>Cetengraulis mysticetus</i> | 808646 | Cyprinidae | |
| | <i>Engraulis japonicus</i> | 804963 | <i>Abramis brama</i> | 807643 |
| | <i>Engraulis ringens</i> | 808389 | <i>Cyprinus carpio</i> | 807643 |
| | Anguillidae | | <i>Rutilus rutilus</i> | 807643 |
| | <i>Anguilla anguilla</i> | 805974 | Larva | |
| | | 807646 | Scombridae | |
| | Characidae | | <i>Euthynnus pelamis</i> | 806745 |
| | <i>Alestes baremoze</i> | 808021 | <i>Thunnus albacares</i> | 806745 |
| | <i>Alestes macrophthalmus</i> | 804392 | <i>Thunnus obesus</i> | 806745 |
| | Catostomidae | | Clupeidae | |
| | <i>Carpiodes carpio</i> | 808464 | <i>Clupea harengus</i> | 806784 |
| | | 808792 | Gadidae | |
| | <i>Catostomus platyrhynchus</i> | 807795 | <i>Gadus morhua</i> | 808008 |
| | <i>Ichthyobius cyprinellus</i> | 808464 | Osmeridae | |
| | Cyprinidae | | <i>Mallothus villosus</i> | 808008 |
| | <i>Abramis brama</i> | 807238 | Seasonal changes | |
| | <i>Barbus barbus</i> | 804074 | <i>Petromyzontomorphia</i> | |
| | <i>Barbus kolos</i> | 808571 | <i>Petromyzon marinus</i> | 804722 |
| | <i>Cyprinus carpio</i> | 808464 | Congridae | |
| | | 808792 | <i>Nemichthyidae</i> | |
| | <i>Ericymba buccata</i> | 807003 | <i>Nemichthys scolopaceus</i> | 808015 |
| | <i>Labeo rohita</i> | 808577 | Serrivomeridae | |
| | <i>Leuciscus leuciscus</i> | 805963 | <i>Serrivomer bertini</i> | 808015 |
| | <i>Nothopis stramineus</i> | 807832 | <i>Serrivomer samoensis</i> | 808015 |
| | <i>Rhinichthys atratulus</i> | 806272 | Fry | |
| | | 806473 | Gasterosteidae | |
| | <i>Rutilus rutilus</i> | 805963 | <i>Gasterosteus aculeatus</i> | 807256 |
| | Bagridae | 808577 | Salmonidae | |
| | <i>Bagrus doernae</i> | 808978 | <i>Oncorhynchus nerka</i> | 807256 |
| | Ictaluridae | | Young | |
| | <i>Ictalurus punctatus</i> | 808464 | Acipenseromorphia | |
| | Pangasidae | | <i>Acipenser stellatus</i> | 807658 |
| | <i>Pangasius pangasius</i> | 808572 | Mugilidae | |
| | Sisoridae | | <i>Crenimugil labrosus</i> | 804533 |
| | <i>Glyptosternon reticulatum</i> | 807334 | Sciaenidae | |
| | Hiodontidae | | <i>Pseudotolithus senegalensis</i> | 805648 |
| | <i>Hiodon alosoides</i> | 808464 | <i>Pseudotolithus typus</i> | 805648 |
| | Mormyridae | 803915 | Sparidae | |
| | Gadidae | | <i>Pagrus major</i> | 805627 |
| | <i>Boreogadus saida</i> | 806342 | Pleuronectidae | |
| | <i>Gadus morhua</i> | 805273 | <i>Reinhardtius hippoglossoides</i> | 805083 |
| | | 805275 | Clupeidae | |
| | | 805279 | <i>Clupea harengus</i> | 808106 |
| | | 805282 | Juvenile | |
| | | 807541 | Centrarchidae | |
| | | 808086 | <i>Pomoxis annularis</i> | 808796 |
| | | 808089 | Scombridae | |
| | | 808091 | <i>Rastrelliger kanagurta</i> | 807977 |
| | <i>Lota lota</i> | 806834 | Clupeidae | |
| | <i>Melanogrammus aeglefinus</i> | 805286 | <i>Clupea harengus</i> | 808057 |
| | | 805287 | <i>Hilsa ilisha</i> | 805604 |
| | | 808036 | Salmonidae | |
| | | 808038 | <i>Oncorhynchus tshawytscha</i> | 806170 |
| | | 808039 | Change with age | |
| | <i>Pollachius virens</i> | 805293 | Gadidae | |
| | | 808092 | <i>Eleginus nava</i> | 807721 |
| | <i>Theragra chalcogramma</i> | 808097 | Mathematical growth analysis | |
| | | 805982 | Polynemoidae | |
| | Merlucciidae | | <i>Eleutheronema tetradactylus</i> | 807536 |
| | <i>Merluccius merluccius</i> | 808297 | Clupeidae | |
| | <i>Merluccius productus</i> | 808312 | <i>Hilsa ilisha</i> | 807536 |
| | Zoaridae | | Intraspecific variation | |
| | <i>Lycodopsis pacifica</i> | 807500 | Populations | |
| | Bathylagidae | | Salmonidae | |
| | <i>Bathylagus stibius</i> | 803881 | <i>Oncorhynchus nerka</i> | 806105 |
| | Esocidae | | <i>Salmo gairdneri</i> | 806105 |
| | <i>Esox lucius</i> | 805970 | Geographic variation | |
| | | 808464 | <i>Thunnus alalunga</i> | 808652 |
| | Harpadontidae | | Geographic distribution | |
| | <i>Harpadon nehereus</i> | 806064 | Istiophoridae | |
| | Myxopodidae | | <i>Istiophorus platypterus</i> | 808879 |
| | <i>Stenobranichius leucopsarus</i> | 803881 | <i>Makaira nigricans</i> | 808879 |
| | <i>Triphoturus mexicanus</i> | 803881 | <i>Tetraodon angustirostris</i> | 808879 |
| | Synodontidae | | <i>Tetraodon audeax</i> | 808879 |
| | <i>Saurida tumbi</i> | 807014 | Xiphidae | |
| | Osmeridae | | <i>Xiphias gladius</i> | 808879 |
| | <i>Osmerus eperlanus</i> | 807687 | Seasonal changes | |
| | | 807718 | Synbranchidae | |
| | Salmonidae | | <i>Syngnathus schlegel</i> | 805205 |
| | <i>Oncorhynchus keta</i> | 808790 | <i>Urocampus rikuzeus</i> | 805205 |
| | <i>Oncorhynchus kisutch</i> | 807858 | Pholididae | |
| | <i>Oncorhynchus nerka</i> | 807258 | <i>Eneidris nebulosus</i> | 805205 |
| | | 807378 | Gobiidae | |
| | <i>Oncorhynchus tshawytscha</i> | 808657 | <i>Chaenogobius heptacanthus</i> | 805205 |
| | <i>Salmo gairdneri</i> | 807959 | <i>Pterogobius zonoleucus</i> | 805205 |
| | <i>Salmo mykiss</i> | 807714 | <i>Rhinogobius pflaumi</i> | 805205 |
| | <i>Salmo penshinensis</i> | 807714 | <i>Sagamia genionema</i> | 805205 |
| | <i>Salmo salar</i> | 805328 | Labridae | |
| | | 806879 | <i>Tautoga onitis</i> | 807563 |
| | | 808071 | Carangidae | |
| | <i>Salmo trutta</i> | 808125 | <i>Trachinotus carolinus</i> | 807034 |
| | <i>Thymallus thymallus</i> | 807959 | <i>Trachurus japonicus</i> | 805438 |

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|--------------------------------------|--------|--|---------------------------------|--------|---------------------|
| Gerridae | | | <i>Syngrapha nigrolineatus</i> | 808456 | Population dynamics |
| <i>Gerrus punctatus</i> | 805655 | | Ammodytidae | | (continued) |
| Leiognathidae | | | <i>Ammodytes hexapterus</i> | 803519 | |
| <i>Leiognathus equulus</i> | 805655 | | Pholididae | | |
| Lethrinidae | | | <i>Enedrias nebulosus</i> | 805205 | |
| <i>Lethrinus lentjan</i> | 808584 | | Gobiidae | | |
| Scaenidae | | | <i>Philypnodon breviceps</i> | 808362 | |
| <i>Micropogon undulatus</i> | 808663 | | Labridae | 805465 | |
| Sparidae | | | <i>Duymaeria flagellifera</i> | 805205 | |
| <i>Lagodon rhomboides</i> | 808663 | | <i>Halichoeres tenuispinnis</i> | 805205 | |
| <i>Stenotomus chrysops</i> | 807558 | | Centrarchidae | | |
| Scombridae | | | <i>Micropterus punctulatus</i> | 807864 | |
| <i>Rastrelliger kanagurta</i> | 808585 | | <i>Micropterus salmoides</i> | 806167 | |
| <i>Scomberomorus cavalla</i> | 808183 | | | 807807 | |
| <i>Scomberomorus maculatus</i> | 808183 | | <i>Pomoxis annularis</i> | 806166 | |
| <i>Thunnus albacares</i> | 807305 | | Percidae | | |
| Pleuronectidae | | | <i>Perca fluviatilis</i> | 807718 | |
| <i>Limanda ferruginea</i> | 807860 | | <i>Stizostedion canadense</i> | 804525 | |
| <i>Pseudopleuronectes americanus</i> | 807860 | | <i>Stizostedion lucioperca</i> | 806131 | |
| Cottidae | | | | 807718 | |
| <i>Cottus beldingi</i> | 808737 | | <i>Stizostedion vitreum</i> | 807791 | |
| <i>Pseudoblenius cottoides</i> | 805205 | | Serranidae | | |
| <i>Pseudoblenius percoides</i> | 805205 | | <i>Myoxoperca rosacea</i> | 808465 | |
| <i>Vallitor centropomus</i> | 805205 | | Scombridae | | |
| Scorpaenidae | | | <i>Euthynnus pelamis</i> | 808653 | |
| <i>Sebastes inermis</i> | 805205 | | <i>Thunnus albacares</i> | 808653 | |
| <i>Sebastes mentella</i> | 807713 | | Bothidae | | |
| Balistidae | | | <i>Paralichthys lethostigma</i> | 805068 | |
| <i>Monacanthus cirrhifer</i> | 805205 | | Congiopodoidei | | |
| <i>Monacanthus japonicus</i> | 805205 | | <i>Hypodytes rubripinnis</i> | 805205 | |
| Cyprinodontidae | | | Cottidae | | |
| <i>Fundulus similis</i> | 803947 | | <i>Pseudoblenius cottoides</i> | 805205 | |
| Clupeidae | | | <i>Pseudoblenius percoides</i> | 805205 | |
| <i>Euhmalosa fimbriata</i> | 806743 | | Hexagrammidae | | |
| <i>Opisthonema oglinum</i> | 807033 | | <i>Hexagrammos decagrammus</i> | 803519 | |
| <i>Sardinella longiceps</i> | 808590 | | Scorpaenidae | | |
| | 808598 | | <i>Sebastes inermis</i> | 805205 | |
| Anguillidae | | | Balistidae | | |
| <i>Anguilla australis</i> | 804559 | | <i>Rudarius ercodes</i> | 805205 | |
| <i>Anguilla dieffenbachii</i> | 804559 | | Tetraodontidae | | |
| Catostomidae | | | <i>Fugu niphobles</i> | 805205 | |
| <i>Moxostoma carinatum</i> | 804165 | | Clupeidae | | |
| Cyprinidae | | | <i>Alosa brashnikovi</i> | 807717 | |
| <i>Barilius barila</i> | 808983 | | <i>Alosa kessleri</i> | 807717 | |
| <i>Barilius bendelisi</i> | 808983 | | <i>Dorosoma petenense</i> | 808466 | |
| <i>Gila robusta</i> | 807794 | | Engraulidae | | |
| <i>Ptychocheilus lucius</i> | 807794 | | <i>Engraulis encrasicolus</i> | 807670 | |
| <i>Richardsonius egregius</i> | 808730 | | Cobitidae | | |
| Gadidae | | | <i>Cobitis taenia</i> | 808456 | |
| <i>Gadus morhua</i> | 808034 | | Cyprinidae | 808456 | |
| | 808035 | | <i>Cyprinus carpio</i> | 806123 | |
| <i>Melanogrammus aeglefinus</i> | 808037 | | <i>Leuciscus cephalus</i> | 808460 | |
| <i>Merlangius merlangus</i> | 808044 | | <i>Phoxinus erythrogaster</i> | 804435 | |
| <i>Micromesistius poussou</i> | 808045 | | <i>Rutilus rutilus</i> | 807716 | |
| Osmeridae | | | Plotosidae | | |
| <i>Osmerus mordax</i> | 807862 | | <i>Plotosus anguillaris</i> | 805205 | |
| Larva | | | Siluridae | | |
| <i>Petromyzontomorphia</i> | | | <i>Silurus glanis</i> | 806123 | |
| <i>Ichthyomyzon bdellium</i> | 809030 | | Bregmacerotidae | | |
| Archaeological data | | | <i>Bregmaceros maclellandi</i> | 805924 | |
| <i>Acipenseromorphia</i> | | | Gadidae | | |
| <i>Acipenser stellatus</i> | 807706 | | <i>Gadus morhua</i> | 807421 | |
| Serranidae | | | <i>Melanogrammus aeglefinus</i> | 807421 | |
| <i>Lateolabrax japonicus</i> | 808151 | | Esocidae | | |
| Sparidae | | | <i>Esox lucius</i> | 806131 | |
| <i>Acanthopagrus schlegelii</i> | 808151 | | Myctophidae | 807718 | |
| <i>Chrysophrys major</i> | 808151 | | Osmeridae | 805924 | |
| Captive vs natural fishes | | | <i>Hypomesus olidus</i> | 806851 | |
| Plecoglossidae | | | Salmonidae | | |
| <i>Plecoglossus altivelis</i> | 806031 | | <i>Coregonus peled</i> | 808353 | |
| Computer analysis | 804809 | | <i>Coregonus sardinella</i> | 806851 | |
| Weight frequency | | | <i>Oncorhynchus gorbuscha</i> | 803519 | |
| Branchiostegidae | | | <i>Oncorhynchus keta</i> | 803519 | |
| <i>Branchiostegus japonicus</i> | 804117 | | | 808912 | |
| Istiophoridae | | | <i>Oncorhynchus nerka</i> | 806105 | |
| <i>Makaira nigricans</i> | 807932 | | <i>Salmo gairdneri</i> | 806851 | |
| Pleuronectidae | | | | 806105 | |
| <i>Hippoglossus hippoglossus</i> | 805086 | | <i>Salmo salar</i> | 806123 | |
| Salmonidae | | | <i>Salmo salar</i> | 807863 | |
| <i>Salmo trutta</i> | 806414 | | Availability and use of food | 807887 | |
| Young | | | Elasmobranchii | 808579 | |
| Seasonal changes | | | Acipenseromorphia | | |
| Salmonidae | | | <i>Acipenser gueldenstaedti</i> | 807671 | |
| <i>Oncorhynchus nerka</i> | 807759 | | <i>Acipenser ruthenus</i> | 807671 | |
| Population bioenergetics | | | | 808431 | |
| Maintenance energy requirements | | | Teleostei | 805465 | |
| Protein content | | | | 806130 | |
| Centrarchidae | | | | 806167 | |
| <i>Lepomis macrochirus</i> | 807454 | | | 808579 | |
| Productivity | | | Gasterosteidae | | |
| Seasonal changes | | | <i>Gasterosteus aculeatus</i> | 806851 | |
| Salmonidae | | | <i>Pungitius pungitius</i> | 806851 | |
| <i>Oncorhynchus nerka</i> | 807759 | | Synbranchidae | | |

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|------------------------------------|----------------------------------|--------|----------------------------------|--------|
| Population dynamics (continued) | <i>Salmo trutta</i> | 806123 | Carangidae | |
| | <i>Salvelinus fontinalis</i> | 808362 | <i>Chloroscombrus chrysurus</i> | 807872 |
| | Chauliodontidae | 806034 | Centrarchidae | 806273 |
| | <i>Chauliodus sloanei</i> | 805924 | <i>Micropterus salmoides</i> | 806131 |
| | Gonostomatidae | | Embiotocidae | |
| | <i>Vinciguerra nimbaria</i> | 805924 | <i>Ditrema temminckii</i> | 805205 |
| Experimental analysis | Salmonidae | | Gerreidae | |
| | <i>Oncorhynchus keta</i> | 807443 | <i>Gerres japonicus</i> | 805205 |
| | <i>Salmo trutta</i> | 807478 | <i>Gerres macrostoma</i> | 805205 |
| | Effect on fish | | Kyphosidae | |
| | Fecundity | | <i>Girella punctata</i> | 805205 |
| | Cyprinidae | | Lethrinidae | |
| | <i>Abramis ballerus</i> | 807693 | <i>Lethrinus nematocanthus</i> | 805205 |
| | Rate of growth | | Percidae | |
| | Salmonidae | | <i>Perca fluviatilis</i> | 806131 |
| | <i>Salmo salar</i> | 807440 | <i>Sizostedion lucioperca</i> | 806131 |
| | Reproduction | | Sparidae | |
| | Salmonidae | | <i>Chrysophrys major</i> | 805205 |
| | <i>Salmo salar</i> | 807440 | Scombridae | 804297 |
| | Recruitment | | Stromateidae | |
| | Clupeidae | | <i>Pepilus alepidotus</i> | 807872 |
| | <i>Clupeonella delicatula</i> | 807732 | <i>Pepilus burti</i> | 807872 |
| | Larva | | Bothidae | |
| | Clupeidae | | <i>Paralichthys olivaceus</i> | 805205 |
| | <i>Clupea harengus</i> | 806558 | Coniopoodei | |
| | Fry | | <i>Hypodytes rubripinnis</i> | 805205 |
| | Serranidae | | Cottidae | 806992 |
| | <i>Morone saxatilis</i> | 806671 | <i>Cottus perplexus</i> | |
| | Salmonidae | | Hexagrammidae | |
| | <i>Oncorhynchus keta</i> | 806645 | <i>Agrammus agrammus</i> | 805205 |
| Young | Centrarchidae | | Platycephaloidei | |
| | <i>Pomoxis annularis</i> | 808796 | <i>Inegocia japonica</i> | 805205 |
| | Salmonidae | | Scompenidae | |
| | <i>Oncorhynchus</i> | 807731 | <i>Sebastes inermis</i> | 805205 |
| | Energy consumption | | <i>Sebastes marmoratus</i> | 805205 |
| | Gadidae | | Synanceiidae | |
| | <i>Gadus morhua</i> | 808292 | <i>Inimicus japonicus</i> | 805205 |
| | Maintenance energy requirements | | Balistidae | |
| | Straining for food | | <i>Brachaluteres ulvarum</i> | |
| | Engraulidae | | Tetraodontidae | 805205 |
| | <i>Engraulis mordax</i> | 807372 | Clupeidae | 804297 |
| | Distribution within habitat | | <i>Clupeonella cultriventris</i> | 804897 |
| | Salmonidae | | Curimatidae | |
| | <i>Oncorhynchus tshawytscha</i> | 806025 | <i>Curimatorbis platanus</i> | 806129 |
| | <i>Salmo gairdneri</i> | 806025 | Cyprinidae | 804897 |
| Algae | Gobiidae | | <i>Alburnus alburnus</i> | 805567 |
| | <i>Boleophthalmus dussumieri</i> | 805722 | <i>Rutilus rutilus</i> | 805567 |
| | Plecoglossidae | | Plotosidae | |
| | <i>Plecoglossus altivelis</i> | 806031 | <i>Plotosus anguillaris</i> | 805205 |
| Insecta | | | Bregmaceroteridae | |
| | Experimental analysis | | <i>Bregmaceros maclellandi</i> | 805924 |
| | Cyprinodontidae | | Esocidae | |
| | <i>Cyprinodon nevadensis</i> | 806973 | <i>Esox lucius</i> | 804897 |
| | Poeciliidae | | Myctophidae | 806131 |
| | <i>Gambusia affinis</i> | 806973 | Salmonidae | 805924 |
| Plankton | Engraulidae | | <i>Oncorhynchus kisutch</i> | 806024 |
| | <i>Engraulis encrasicolus</i> | 807272 | <i>Oncorhynchus nerka</i> | 806105 |
| | Salmonidae | | <i>Salmo clarki</i> | 806992 |
| | <i>Oncorhynchus nerka</i> | 805085 | <i>Salmo gairdneri</i> | 806105 |
| | Population changes | | <i>Salvelinus malma</i> | 807275 |
| | Engraulidae | | Chauliodontidae | |
| | <i>Engraulis ringens</i> | 808386 | <i>Chauliodus sloanei</i> | 805924 |
| | Impoundment manipulation | | Gonostomatidae | |
| | Centrarchidae | | <i>Vinciguerra nimbaria</i> | 805924 |
| | <i>Micropterus salmoides</i> | 806162 | Marine environment | |
| | Computer analysis | | Elasmobranchii | 808754 |
| | Centrarchidae | | Teleostei | 808754 |
| | <i>Micropterus salmoides</i> | 806866 | Insecticide pollutants | |
| Food chains | | | Effect on fish | |
| | Teleostei | | Teleostei | 808927 |
| | | | Mathematical population models | |
| | Aulorhynchidae | | Clupeidae | |
| | <i>Aulichthys japonicus</i> | 805205 | <i>Sardinops sagax</i> | 807528 |
| | Gasterosteidae | | Engraulidae | |
| | <i>Gasterosteus aculeatus</i> | 807275 | <i>Engraulis mordax</i> | 807528 |
| | Syngnathidae | 805205 | Merlucciidae | |
| | <i>Syngnathus nigrolineatus</i> | 804897 | <i>Merluccius productus</i> | 807528 |
| | Siganidae | | Community comparisons | |
| | <i>Siganus fuscescens</i> | 805205 | Teleostei | 805656 |
| | Blenniidae | | Circadian rhythms | |
| | <i>Dasson trossulus</i> | 805205 | Petromyzontomorpha | |
| | Pholididae | | <i>Petromyzon marinus</i> | 803957 |
| | <i>Enedrias nebulosus</i> | 805205 | Percidae | |
| | Gobiidae | 805205 | <i>Perca fluviatilis</i> | 804527 |
| | Notithenidae | 805048 | Pomacentridae | 804919 |
| | Apogonidae | 805205 | Cyprinodontidae | |
| | | | <i>Cyprinodon atrorus</i> | 804951 |
| | | | Exocoetidae | |
| | | | <i>Cypselurus opisthopus</i> | 804120 |
| | | | Congridae | |
| | | | <i>Gorgasia sillneri</i> | 804854 |
| | | | <i>Taenioconger hassi</i> | 804854 |

| Cyprinidae | | Larva | Behavior |
|--------------------------------------|--------|-----------------------------------|----------|
| <i>Scardinius erythrophthalmus</i> | 804527 | Syngnathidae | |
| <i>Tinca tinca</i> | 804527 | <i>Syngnathus phlegon</i> | 807715 |
| Experimental analysis | | Gonostomatidae | |
| Blenniidae | | <i>Cyclothone</i> | 807715 |
| <i>Blennius gattorugine</i> | 806621 | Schooling | |
| <i>Blennius pholis</i> | 806621 | Salmonidae | |
| <i>Coryphoblennius galerita</i> | 806621 | <i>Oncorhynchus gorboscha</i> | 804218 |
| Centrarchidae | | <i>Oncorhynchus keta</i> | 804218 |
| <i>Micropterus salmoides</i> | 803623 | Vertical distribution | |
| Effect on fish | | Scombridae | |
| Ion and water relationships | | <i>Euthynnus pelamis</i> | 807782 |
| Salmonidae | | <i>Thunnus albacares</i> | 807782 |
| <i>Salmo gairdneri</i> | 804366 | <i>Thunnus thynnus</i> | 807782 |
| Temperature | | Migrations | |
| Salmonidae | | Fry | |
| <i>Salmo gairdneri</i> | 804366 | Salmonidae | |
| Oxygen consumption | | <i>Salmo gairdneri</i> | 807340 |
| Umbridae | | Juvenile | |
| <i>Umbra limi</i> | 808026 | Salmonidae | |
| Lipid metabolism | | <i>Oncorhynchus tshawytscha</i> | 808657 |
| Experimental analysis | | Vertical migrations | |
| Cyprinodontidae | | Sciaenidae | |
| <i>Fundulus chrysotus</i> | 806287 | <i>Pseudosciaena polyactis</i> | 804472 |
| Pigment cells | | Feeding | |
| Experimental analysis | | Salmonidae | |
| Lebasiinidae | 803609 | <i>Oncorhynchus nerka</i> | 807800 |
| Prolactin | | Fishing gear selectivity | |
| Experimental analysis | | Pleuronectiformes | 804972 |
| Cyprinodontidae | | Activity patterns | |
| <i>Fundulus chrysotus</i> | 806287 | Rajidae | 808427 |
| Fry | | Trachichthyidae | |
| Centrarchidae | | <i>Hoplostethus elongatus</i> | 807237 |
| <i>Lepomis macrochirus</i> | 803711 | Gobiidae | |
| Change with age | | <i>Periophthalmus</i> | 805534 |
| Fry | | Aplodactylidae | |
| Salmonidae | | <i>Cheilodactylus spectabilis</i> | 807237 |
| <i>Salmo gairdneri</i> | 807202 | <i>Dactylosargus arcidens</i> | 807237 |
| <i>Salmo salar</i> | 807202 | Kyphosidae | |
| Activity patterns | | <i>Segutilum sydneyanum</i> | 807237 |
| Salmonidae | | Pempheridae | |
| <i>Salmo gairdneri</i> | 807202 | <i>Pempheris adspersa</i> | 807237 |
| <i>Salmo salar</i> | 807202 | Pleuronectiformes | 808427 |
| Inheritance | | Cottidae | |
| Experimental analysis | | <i>Cottus caroliniae</i> | 804103 |
| Cottidae | | Scorpenidae | |
| <i>Cottus poecilopus</i> | 803934 | <i>Ruborolga cardinalis</i> | 807237 |
| Distribution within habitat | | Clupeidae | 808427 |
| Cheilodactylidae | | Gadidae | 808427 |
| <i>Cheilodactylus macropterus</i> | 808363 | Merlucciidae | |
| Salmonidae | | <i>Merluccius bilinearis</i> | 806497 |
| <i>Salmo gairdneri</i> | 806025 | | 808427 |
| Activity patterns | | Galaxiidae | |
| Pleuronectidae | | <i>Neochanna apoda</i> | 804508 |
| <i>Pseudopleuronectes americanus</i> | 807873 | Salmonidae | |
| Experimental analysis | | <i>Oncorhynchus gorboscha</i> | 804962 |
| Blenniidae | | <i>Oncorhynchus keta</i> | 804962 |
| <i>Blennius gattorugine</i> | 807956 | <i>Oncorhynchus kisutch</i> | 804962 |
| <i>Blennius sanguinolentus</i> | 807956 | <i>Oncorhynchus nerka</i> | 804962 |
| Feeding | | Acclimation | |
| Salmonidae | | Temperature | |
| <i>Oncorhynchus kisutch</i> | 807342 | Salmonidae | |
| Hiding | | <i>Salmo salar</i> | 807343 |
| Mormyridae | 808972 | Effect on fish | |
| Dominance social hierarchy | | Metabolic rate | |
| Salmonidae | | Cyprinidae | |
| <i>Oncorhynchus kisutch</i> | 807342 | <i>Cyprinus carpio</i> | 806119 |
| Seasonal changes | | Oxygen consumption | |
| Salmonidae | | Cyprinidae | |
| <i>Salmo trutta</i> | 803933 | <i>Cyprinus carpio</i> | 806119 |
| Experimental analysis | | Hemoglobin | |
| Gadidae | | Teleostei | 805728 |
| <i>Lota lota</i> | 805108 | Thyroid hormone | |
| Locomotion | | Experimental analysis | |
| Experimental analysis | | Teleostei | 809079 |
| Cottidae | | Androgens | |
| <i>Cottus gobio</i> | 803932 | Experimental analysis | |
| <i>Cottus poecilopus</i> | 803932 | Teleostei | 809079 |
| Feeding | | Larva | |
| Apogonidae | | Teleostei | 809081 |
| <i>Apogon imberbis</i> | 807209 | Xiphiidae | |
| Percidae | | <i>Xiphias gladius</i> | 807692 |
| <i>Perca fluviatilis</i> | 807718 | Juvenile | |
| <i>Stizostedion lucioperca</i> | 807718 | Experimental analysis | |
| Clupeidae | | Acanthuridae | |
| <i>Alosa brashnikovi</i> | 807717 | <i>Acanthurus triostegus</i> | 806145 |
| <i>Alosa kessleri</i> | 807717 | Inheritance | |
| Characidae | | Experimental analysis | |
| <i>Alestes baremoze</i> | 808022 | Cottidae | |
| Cyprinidae | 807744 | <i>Cottus poecilopus</i> | 803934 |
| Esocidae | | Subterranean waters | |
| <i>Esox lucius</i> | 807718 | Descriptive evolution | |
| Myctophidae | | Amblyopsidae | 808771 |
| <i>Centromochlus nigrocellatus</i> | 806935 | | |

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|-------------------------|-------------------------------------|--------|--------------------------------------|------------------|
| Behavior (continued) | Temperature | | Feeding | |
| | Experimental analysis | | Experimental analysis | |
| Cyclical changes | Cottidae | | Salmonidae | |
| | <i>Cottus gobio</i> | 803932 | <i>Salmo gairdneri</i> | 807556 |
| | <i>Cottus poecilopus</i> | 803932 | <i>Salmo trutta</i> | 807556 |
| | Clupeidae | | Habitat preference | |
| | <i>Clupea harengus</i> | 804985 | Light | |
| | Light | | Gasterosteidae | |
| | Experimental analysis | | <i>Gasterosteus aculeatus</i> | 807656 |
| | Cottidae | | Migrations | |
| | <i>Cottus gobio</i> | 803932 | Fry | |
| | <i>Cottus poecilopus</i> | 803932 | Salmonidae | |
| | Salmonidae | | <i>Oncorhynchus keta</i> | 807669 |
| | <i>Salvelinus fontinalis</i> | 806982 | Mating | |
| | Circadian rhythms | | Oral brooding | |
| | Holocentridae | | Cichlidae | |
| | Fistulariidae | | <i>Tilapia melanotheron</i> | 808411 |
| | <i>Fistularia petimba</i> | 808465 | Psychedelic drug treatment | |
| | Blenniidae | | Experimental analysis | |
| | <i>Runula azalea</i> | 808465 | Cyprinidae | |
| | Chaenopsidae | | <i>Carassius auratus</i> | 804039 805220 |
| | <i>Acanthemblemaria macrospilus</i> | 808465 | Water pollutants | |
| | Clinidae | | Experimental analysis | |
| | <i>Labrisomus xanti</i> | 808465 | Salmonidae | |
| | Gobiidae | | <i>Salvelinus fontinalis</i> | 806982 |
| | <i>Gobiosoma digueti</i> | 808465 | Captive vs natural fishes | |
| | Labridae | | Salmonidae | |
| | Apogonidae | | <i>Salvelinus fontinalis</i> | 808515 |
| | <i>Apogon retrosella</i> | 808465 | Butyrophene | |
| | Carangidae | | Psychedelic drug treatment | |
| | Chaetodontidae | | Experimental analysis | |
| | <i>Heniochus nigrostris</i> | 808465 | Cyprinidae | |
| | Grammistidae | | <i>Carassius auratus</i> | 803980 |
| | <i>Rypticus bicolor</i> | 808465 | Sleep | |
| | Lutjanidae | | Centrarchidae | |
| | <i>Lutjanus argentiventris</i> | 808465 | <i>Micropterus salmoides</i> | 806527 |
| | <i>Lutjanus novemfasciatus</i> | 808465 | Percidae | |
| | Mullidae | | <i>Perca fluviatilis</i> | 804527 |
| | <i>Mulloidichthys dentatus</i> | 808465 | Pleuronectidae | |
| | Percidae | | <i>Pseudopleuronectes americanus</i> | 807873 |
| | <i>Stizostedion vitreum</i> | 807554 | Cyprinidae | |
| | Pomacentridae | | <i>Scardinius erythrophthalmus</i> | 804527 |
| | <i>Abudefduf troschelii</i> | 808465 | <i>Tinca tinca</i> | 804527 |
| | <i>Chromis atrilobata</i> | 808465 | Shelter construction | |
| | <i>Pomacentrus rectifacrum</i> | 808465 | Labridae | |
| | Pomadasyidae | | <i>Pimelometopon pulchrum</i> | 807188 |
| | Sciaenidae | | Lunar rhythms | |
| | <i>Pareques viola</i> | 808465 | Anguillidae | |
| | <i>Umbrina xanti</i> | 808465 | <i>Anguilla australis</i> | 804559 |
| | Serranidae | | <i>Anguilla dieffenbachii</i> | 804559 |
| | Balistidae | | Color vision | |
| | <i>Sufflamen verres</i> | 808465 | Experimental analysis | |
| | Cyprinodontidae | | Poeciliidae | |
| | <i>Epiplatys bifasciatus</i> | 808275 | <i>Poecilia reticulata</i> | 806829 |
| | Clupeidae | | Activity patterns | |
| | <i>Harengula thrissina</i> | 808465 | Blenniidae | |
| | Congridae | | <i>Blennius pholis</i> | 807035 |
| | <i>Taenioconger</i> | 808465 | Centrarchidae | |
| | Muraenidae | | <i>Micropterus salmoides</i> | 803623 |
| | <i>Gymnothorax castaneus</i> | 808465 | Migrations | |
| | Ophichthidae | | Anguillidae | |
| | <i>Myrichthys tigrinus</i> | 808465 | <i>Anguilla anguilla</i> | 807035 |
| | Elopidae | | Galaxiidae | |
| | <i>Elops affinis</i> | 808465 | <i>Galaxias maculatus</i> | 807035 |
| | Catostomidae | | Reproduction | |
| | <i>Catostomus commersoni</i> | 807554 | Atherinidae | |
| | Cyprinidae | | <i>Hubbsiella sardina</i> | 807035 |
| | <i>Notropis cornutus</i> | 808178 | <i>Leuresthes tenuis</i> | 807035 |
| | Esocidae | | Galaxiidae | |
| | <i>Esox lucius</i> | 807554 | <i>Galaxias maculatus</i> | 807035 |
| | Salmonidae | | Osmeridae | |
| | <i>Coregonus clupeaformis</i> | 807554 | <i>Hypomesus pretiosus</i> | 807035 |
| | Experimental analysis | | Spatial orientation | |
| | Salmonidae | | Experimental analysis | |
| | <i>Salmo trutta</i> | 806135 | Poeciliidae | |
| | Seasonal changes | | <i>Poecilia reticulata</i> | 806829 |
| | Dipnoi | | Terrestrial locomotion | |
| | <i>Protopterus annectens</i> | 806294 | Experimental analysis | |
| | Percidae | | Anguillidae | |
| | <i>Perca fluviatilis</i> | 804527 | <i>Anguilla anguilla</i> | 807103 |
| | Cyprinidae | | Trawling | |
| | <i>Scardinius erythrophthalmus</i> | 804527 | Spandae | |
| | <i>Tinca tinca</i> | 804527 | <i>Chrysophrys auratus</i> | 808363 |
| | Experimental analysis | | Measuring larval abundance | |
| | Salmonidae | | Bothidae | |
| | <i>Salmo trutta</i> | 806135 | <i>Paralichthys albigutta</i> | 806653 |
| | Terrestrial locomotion | | <i>Paralichthys dentatus</i> | 806653 |
| | Experimental analysis | | <i>Paralichthys lethostigma</i> | 806653 |
| | Anguillidae | | Tidal rhythms | |
| | <i>Anguilla anguilla</i> | 807103 | Cottidae | |
| | | | <i>Oligocottus maculosus</i> | 806855 |

| Experimental analysis | | Sciaenidae | | Behavior (continued) |
|------------------------------------|--------|------------------------------------|--------|-------------------------|
| Blenniidae | | <i>Aplodinotus grunniens</i> | 808139 | Cyclical changes |
| <i>Blennius pholis</i> | 806621 | <i>Cynoscion petranus</i> | 804304 | |
| Pleuronectidae | | <i>Johnius dussumieri</i> | 804737 | |
| <i>Platichthys flesus</i> | 806621 | | 806372 | |
| Winterkill | | <i>Micropogon undulatus</i> | 808663 | |
| Cyprinidae | 807746 | <i>Pseudosciaena diacanthus</i> | 808576 | |
| Esocidae | | <i>Pseudotolithus elongatus</i> | 805923 | |
| <i>Esox lucius</i> | 807870 | <i>Pseudotolithus senegalensis</i> | 806747 | |
| Reproductive season | | | 806750 | |
| Petromyzontomorpha | 806635 | | 808648 | |
| <i>Lampetra mariae</i> | 807664 | <i>Pseudotolithus typus</i> | 806747 | |
| <i>Lampetra planeri</i> | 806415 | Serranidae | | |
| <i>Mordacia mordax</i> | 807664 | <i>Epinephelus morio</i> | 806260 | |
| <i>Mordacia praecox</i> | 804395 | <i>Morone chrysops</i> | 808139 | |
| Dasyatidae | 804395 | Spardidae | | |
| <i>Dasyatis americana</i> | 804914 | <i>Dentex canariensis</i> | 805663 | |
| <i>Dasyatis centroura</i> | 804187 | <i>Dentex macrophthalmus</i> | 806480 | |
| Squalidae | | <i>Dentex maroccanus</i> | 806480 | |
| <i>Squalus acanthias</i> | 807903 | <i>Evyris japonica</i> | 805626 | |
| Acipenseromorpha | 806635 | <i>Lagodon rhomboides</i> | 808663 | |
| Amiomorpha | | <i>Pagellus bogaraveo</i> | 805664 | |
| <i>Amia calva</i> | 806635 | <i>Pagrus major</i> | 805618 | |
| Semionotomorpha | 808139 | <i>Stenotomus chrysops</i> | 805626 | |
| | | | 807558 | |
| Gasterosteidae | | | 807562 | |
| <i>Gasterosteus aculeatus</i> | 806635 | Theraponidae | | |
| | 807008 | <i>Therapon jarbua</i> | 807241 | |
| Syngnathidae | | Gempylidae | | |
| <i>Syngnathus scovelli</i> | 807017 | <i>Diplospinus multistriatus</i> | 806067 | |
| Anarhichadidae | 806559 | Istiophoridae | | |
| Blennidae | 806057 | <i>Makaira nigricans</i> | 807932 | |
| Clinidae | 806057 | Scombridae | | |
| Pholididae | 806057 | <i>Acanthocybium solanderi</i> | 808399 | |
| Callionymidae | | <i>Auxis thazard</i> | 807014 | |
| <i>Callionymus lyra</i> | 805664 | <i>Euthynnus affinis</i> | 807014 | |
| Gobiidae | 806057 | <i>Euthynnus pelamis</i> | 803510 | |
| <i>Aphia minuta</i> | 807992 | <i>Rastrelliger kanagurta</i> | 808576 | |
| <i>Chaenogobius heptacanthus</i> | 805205 | <i>Scomber colias</i> | 806480 | |
| <i>Chasmichthys dolichognathus</i> | 806228 | <i>Scomber japonicus</i> | 803744 | |
| <i>Chasmichthys gulosus</i> | 806228 | <i>Scomber scombrus</i> | 805664 | |
| <i>Coryphopterus nicholsi</i> | 807188 | <i>Thunnus albacares</i> | 805654 | |
| <i>Gobius niger</i> | 805128 | | 805922 | |
| <i>Gobius paganellus</i> | 805128 | Xiphiidae | | |
| <i>Leucosaron petersi</i> | 805492 | <i>Xiphias gladius</i> | 806216 | |
| <i>Pomatoschistus minutus</i> | 804700 | | 807549 | |
| <i>Pterogobius zonoleucus</i> | 805205 | Bathymasteridae | | |
| <i>Rhinogobius pflaumi</i> | 805205 | <i>Rathbunella hypoplecta</i> | 807188 | |
| <i>Thorogobius ephippiatus</i> | 805403 | Trachinidae | | |
| Mugiloidae | 805458 | <i>Trachinus vipera</i> | 805664 | |
| <i>Crenimugil labrosus</i> | 808299 | Cynoglossidae | | |
| <i>Mugil cephalus</i> | 804533 | <i>Cynoglossus semifasciatus</i> | 808576 | |
| Nototheniidae | 806236 | Pleuronectidae | | |
| <i>Notothenia cornucola</i> | 804902 | <i>Eopsetta jordani</i> | 807904 | |
| <i>Notothenia cyanobranchia</i> | 805049 | <i>Hippoglossus stenolepis</i> | 807909 | |
| Carangidae | | <i>Parophrys vetulus</i> | 807904 | |
| <i>Caranx rhonchus</i> | 806482 | <i>Platichthys flesus</i> | 807769 | |
| <i>Lichia vadiago</i> | 806482 | <i>Reinhardtus hippoglossoides</i> | 807767 | |
| <i>Trachinotus carolinus</i> | 807837 | Soleidae | | |
| <i>Trachinotus falcatus</i> | 807837 | <i>Solea solea</i> | 808300 | |
| <i>Trachurus japonicus</i> | 805438 | Cottidae | | |
| <i>Trachurus trachurus</i> | 806479 | <i>Myoxocephalus aeneus</i> | 806057 | |
| | 806480 | <i>Pseudoblennius cottoideus</i> | 807448 | |
| <i>Trachurus trecae</i> | 806480 | <i>Pseudoblennius percoides</i> | 805205 | |
| Centrarchidae | 808139 | <i>Vellitor centropomus</i> | 805205 | |
| <i>Lepomis macrochirus</i> | 803711 | Cyclopteridae | | |
| <i>Pomoxis annularis</i> | 808796 | <i>Eumicrotremus orbis</i> | 807553 | |
| Cichlidae | 804217 | <i>Liparis pulchellus</i> | 807635 | |
| <i>Ectoporus suratensis</i> | 808577 | Hexagrammidae | | |
| <i>Hemihaplochromis multicolor</i> | 804708 | <i>Ophiodon elongatus</i> | 807904 | |
| <i>Tilapia galilaea</i> | 804431 | <i>Oxylebius pictus</i> | 807188 | |
| <i>Tilapia melanopleura</i> | 806049 | Scorpaenidae | | |
| <i>Tilapia mossambica</i> | 806049 | <i>Sebastes</i> | 807188 | |
| Embiotocidae | | | 807909 | |
| <i>Ditrema temminckii</i> | 806224 | Triglidae | | |
| <i>Ditrema viridis</i> | 806224 | <i>Trigla gurnardus</i> | 805664 | |
| Formoniidae | | Balistidae | | |
| <i>Parastrimateus niger</i> | 808576 | <i>Rudarius ercodes</i> | 805205 | |
| Lethrinidae | | Tetraodontidae | | |
| <i>Lethrinus lentjan</i> | 808583 | <i>Sphaeroides nephelus</i> | 807609 | |
| Nemipteridae | | Triacanthidae | | |
| <i>Nemipterus japonicus</i> | 808576 | <i>Triacanthus brevirostris</i> | 808577 | |
| Percidae | | Atherinidae | | |
| <i>Etheostoma punctulatum</i> | 806821 | <i>Menidia audens</i> | 808139 | |
| <i>Etheostoma variatum</i> | 804100 | <i>Menidia extensa</i> | 807835 | |
| <i>Perca fluviatilis</i> | 804420 | Cyprinodontidae | 806635 | |
| | 804896 | <i>Fundulus sciadicus</i> | 806821 | |
| | 806440 | <i>Fundulus similis</i> | 803947 | |
| <i>Perca demidoffi</i> | 807712 | Poeciliidae | | |
| <i>Percina caprodes</i> | 808139 | <i>Gambusia affinis</i> | 806635 | |
| <i>Stizostedion canadense</i> | 804525 | Exocoetidae | 806322 | |

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| Behavior (continued) | Clupeidae | 806635 | Hiodontidae | 806635 |
| | <i>Brevoortia patronus</i> | 807796 | <i>Hiodon alosoides</i> | 806635 |
| | <i>Clupea harengus</i> | 807016 | <i>Hiodon tergisus</i> | 806635 |
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| | | 805319 | Batrachoidiformes | |
| | | 806319 | <i>Porichthys notatus</i> | 806906 |
| | | 806321 | Bregmacerotidae | |
| | | 808064 | <i>Bregmaceros maccellellandi</i> | 807694 |
| | | 808427 | Gadidae | 805664 |
| | <i>Clupeonella delicatula</i> | 807712 | <i>Gadus macrocephalus</i> | 807904 |
| | <i>Dorosoma cepedianum</i> | 808139 | <i>Gadus morhua</i> | 805281 |
| | <i>Dorosoma petenense</i> | 808139 | | 805282 |
| | <i>Opisthonema oglinum</i> | 804224 | | 807541 |
| | | 806498 | <i>Lota lota</i> | 806635 |
| | <i>Sardina pilchardus</i> | 805664 | <i>Melanogrammus aeglefinus</i> | 805287 |
| | | 807078 | <i>Theragra chalcogramma</i> | 807667 |
| | | 808197 | Merlucciidae | |
| | | 808303 | <i>Merluccius gayi</i> | 808165 |
| | <i>Sardinella longiceps</i> | 807079 | <i>Merluccius merluccius</i> | 805664 |
| | | 808573 | | 807688 |
| | <i>Sardinops neopilchardus</i> | 808361 | | 808297 |
| | <i>Sprattus sprattus</i> | 805323 | <i>Merluccius productus</i> | 806326 |
| | | 805325 | Ophidiidae | |
| | | 805664 | <i>Barathronus bicolor</i> | 805709 |
| | | 807078 | Gobiesociformes | 806057 |
| Engraulidae | | | Lophiidae | |
| <i>Anchoviella guineensis</i> | 806744 | | <i>Lophius piscatorius</i> | 806515 |
| <i>Cetengraulis mysticetus</i> | 808646 | | Amblyopsidae | 806635 |
| <i>Engraulis encrasicolus</i> | 805664 | | Percopsidae | |
| | 807078 | | <i>Percopsis omiscomaycus</i> | 806635 |
| <i>Thirssa kammalensis</i> | 803746 | | Barbouriidae | |
| <i>Thrissocles</i> | 808577 | | <i>Barbourisia rufa</i> | 806542 |
| Muraenesocidae | | | Argentinidae | |
| <i>Muraenesox talabonoides</i> | 808576 | | <i>Argentina sphyraena</i> | 804534 |
| Muraenidae | | | | 805664 |
| <i>Gymnothorax nigromarginatus</i> | 808400 | | Esocidae | 806635 |
| Characidae | | | <i>Esox lucius</i> | 806415 |
| <i>Alestes baremoze</i> | 808021 | | Umbriidae | 806635 |
| <i>Alestes macrophthalmus</i> | 804392 | | Osmeridae | 806635 |
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| <i>Catostomus catostomus</i> | 806821 | | <i>Coregonus clupeoides</i> | 803672 |
| <i>Moxostoma carinatum</i> | 807008 | | <i>Oncorhynchus</i> | 807696 |
| Cyprinidae | 804165 | | <i>Oncorhynchus gorbusha</i> | 807008 |
| | 806041 | | <i>Oncorhynchus keta</i> | 807669 |
| | 806415 | | <i>Prosopium cylindraceum</i> | 807774 |
| <i>Abramis brama</i> | 806635 | | <i>Salmo gairdneri</i> | 807008 |
| | 805658 | | <i>Salmo salar</i> | 806879 |
| | 806416 | | <i>Salmo trutta</i> | 806414 |
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| <i>Barbus kersteni</i> | 804708 | | <i>Salvelinus fontinalis</i> | 805541 |
| <i>Barbus magdaleneae</i> | 804708 | | <i>Salvelinus namaycush</i> | 808528 |
| <i>Carassius carassius</i> | 806442 | | <i>Stenodus leucichthys</i> | 806835 |
| <i>Catla catla</i> | 805197 | | <i>Thymallus arcticus</i> | 807008 |
| <i>Cirrhina mrigala</i> | 805197 | | Gonostomatidae | |
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| <i>Cyprinus carpio</i> | 807643 | | Adaptive evolution | |
| | 807749 | | Cichlidae | 808275 |
| | 808139 | | Cyprinodontidae | 808275 |
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| <i>Hybopsis storeriana</i> | 808139 | | <i>Gadus morhua</i> | 805517 |
| <i>Hybopsis xipunctata</i> | 806821 | | Effect on fish | |
| <i>Labeo rohita</i> | 805197 | | Hemoglobin | |
| | 805605 | | Gobiidae | |
| <i>Leuciscus leuciscus</i> | 805607 | | <i>Gobius cruentatus</i> | 805728 |
| <i>Mylocheilus caurinus</i> | 805972 | | Mullidae | |
| <i>Notropis lutrensis</i> | 806998 | | <i>Mullus surmuletus</i> | 805728 |
| | 804103 | | Serranidae | |
| <i>Oxygaster bacaila</i> | 808139 | | <i>Serranus cabrilla</i> | 805728 |
| <i>Pelecus cultratus</i> | 806901 | | <i>Serranus scriba</i> | 805728 |
| <i>Pimephales notatus</i> | 807712 | | Scorpaenidae | |
| <i>Pimephales vigilax</i> | 804103 | | <i>Scorpaena porcus</i> | 805728 |
| <i>Ptychocheilus lucus</i> | 808139 | | <i>Scorpaena scrofa</i> | 805728 |
| <i>Rhinichthys atratulus</i> | 807794 | | Merlucciidae | |
| | 806272 | | <i>Merluccius merluccius</i> | 805728 |
| <i>Richardsonius balteatus</i> | 807833 | | Intraspecific variation | |
| <i>Richardsonius egregius</i> | 806998 | | Acipenseromorpha | |
| <i>Rutilus rutilus</i> | 808730 | | <i>Huso huso</i> | 804075 |
| | 807673 | | Pleuronectidae | |
| <i>Semotilus atromaculatus</i> | 807749 | | <i>Pleuronectes platessa</i> | 805517 |
| <i>Vimba vimba</i> | 804103 | | Clupeidae | |
| Artidae | 804418 | | <i>Clupea harengus</i> | 805517 |
| <i>Arius heudeloti</i> | 804552 | | <i>Sardinops sagax</i> | 805517 |
| <i>Osteogeneiosus militaris</i> | 805520 | | Engraulidae | |
| | 805521 | | <i>Engraulis mordax</i> | 805517 |
| Bagridae | | | Gadidae | |
| <i>Myxus seenghala</i> | 805605 | | <i>Gadus morhua</i> | 805517 |
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| <i>Clarias carsoni</i> | 804708 | | <i>Oncorhynchus nerka</i> | 805517 |
| Ictaluridae | 806635 | | Geographic variation | |
| | 806821 | | Engraulidae | |
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| Clupeidae | | | <i>Elops lacerta</i> | 806120 | Behavior | | |
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| Otolith age study | | | Ariidae | | | | |
| Clupeidae | | | <i>Arius heudeleti</i> | 804552 | Orientation | | |
| <i>Clupea harengus</i> | 807921 | | Bagridae | | | | |
| Evolutionary adaptation | | | <i>Chrysichthys</i> | 806120 | | | |
| Cobitidae | | | Gadidae | 807910 | | | |
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| <i>Schizothorax niger</i> | 808614 | | <i>Merluccius productus</i> | 806326 | | | |
| Light | | | Larva | | | | |
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| Seasonal abundance | | | <i>Sicyopterus lagocephalus</i> | 804214 | | | |
| Elasmobranchii | 808576 | | Scorpaenidae | | | | |
| Rajidae | 807910 | | <i>Sebastes mentella</i> | 806621 | | | |
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| Teleostei | 805655 | | Carangidae | | | | |
| | 807091 | | <i>Trachinotus carolinus</i> | 807034 | | | |
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| | 808576 | | Squalomorpha | 807035 | | | |
| | 808653 | | Teleostei | 807035 | | | |
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| <i>Gasterosteus aculeatus</i> | 805868 | | Aestivation | | | | |
| Mugiloidae | | | Experimental analysis | | | | |
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| Carangidae | 806120 | | <i>Protopterus annectens</i> | 806294 | | | |
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| Gerreidae | | | Dipnoi | 809067 | | | |
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| Lutjanidae | | | Biochemistry | | | | |
| <i>Lutjanus goreensis</i> | 806120 | | Dipnoi | | | | |
| Monodactylidae | | | <i>Protopterus aethiopicus</i> | 807039 | | | |
| <i>Monodactylus sebae</i> | 806120 | | Experimental analysis | | | | |
| Percidae | | | Dipnoi | | | | |
| <i>Perca fluviatilis</i> | 805868 | | <i>Protopterus aethiopicus</i> | 807039 | | | |
| <i>Stizostedion lucioperca</i> | 805868 | | Thyroid hormone | | | | |
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| <i>Pomadasys jubelini</i> | 806120 | | Dipnoi | | | | |
| Sciaenidae | | | <i>Protopterus</i> | 809073 | | | |
| <i>Corvina nigrita</i> | 806120 | | Temperature | | | | |
| <i>Cynoscion virescens</i> | 807032 | | Biochemistry | | | | |
| <i>Micropterus furneri</i> | 807032 | | Dipnoi | | | | |
| <i>Pseudociaena polyactis</i> | 804472 | | <i>Lepidosiren paradoxa</i> | 803973 | | | |
| <i>Pseudotolithus elongatus</i> | 805648 | | Hibernation | | | | |
| <i>Pseudotolithus senegalensis</i> | 805648 | | Clupeidae | | | | |
| | 806750 | | <i>Clupea harengus</i> | 808917 | | | |
| <i>Pseudotolithus typus</i> | 805648 | | Orientation and locomotion | | | | |
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| <i>Galeoides decadactylus</i> | 806120 | | Cottidae | | | | |
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| <i>Thunnus alalunga</i> | 807857 | | <i>Heterobagrus</i> | 803509 | | | |
| <i>Thunnus thynnus</i> | 807128 | | Mochokidae | | | | |
| Sphyraenoidae | | | <i>Synodontis eupterus</i> | 803602 | | | |
| <i>Sphyraena piscatorum</i> | 806120 | | Experimental analysis | | | | |
| Cynoglossidae | | | Cyprinidae | | | | |
| <i>Cynoglossus senegalensis</i> | 806120 | | <i>Carassius auratus</i> | 804410 | | | |
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| <i>Anoplopoma fimbria</i> | 807910 | | <i>Carassius auratus</i> | 807121 | | | |
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| Cyprinodontidae | | | Experimental analysis | | | | |
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| Poeciliidae | | | <i>Lepomis gibbosus</i> | 804199 | | | |
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| Exocoetidae | | | Experimental analysis | | | | |
| <i>Hyporhamphus</i> | 806120 | | Petromyzontomorpha | | | | |
| Clupeidae | 807910 | | <i>Petromyzon marinus</i> | 803957 | | | |
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| <i>Ethmalosa fimbriata</i> | 806120 | | Teleostei | 803957 | | | |
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| <i>Pellonula afzeliusi</i> | 806120 | | | | | | |
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| <i>Sardinella</i> | 806726 | | | | | | |
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| <i>Sardinella eba</i> | 806120 | | | | | | |
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| Behavior (continued) | Larva | | Terpedinidae | |
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| | <i>Clupea harengus</i> | 804396 | <i>Torpedo nobiliana</i> | 804531 |
| Orientation | Salmonidae | | Scombridae | |
| | <i>Oncorhynchus</i> | 806020 | <i>Euthynnus affinis</i> | 804994 |
| | Lunar rhythms | | Biochemistry | |
| | Experimental analysis | | Function | |
| | Poeciliidae | | Dasyatidae | |
| | <i>Poecilia reticulata</i> | 806829 | <i>Dasyatis pastinaca</i> | 805404 |
| | Hiding | | Rajidae | 805404 |
| | Experimental analysis | | Terpedinidae | |
| | Centrarchidae | | <i>Torpedo marmorata</i> | 805404 |
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| | Effects of experience | | <i>Cetorhinus maximus</i> | 805404 |
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| | Salmonidae | | <i>Dalatias licha</i> | 805404 |
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| | Rheotaxis | | <i>Squalus acanthias</i> | 805404 |
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| | Cyprinidae | 807672 | <i>Squatina squatina</i> | 805404 |
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| | Experimental analysis | 807798 | <i>Hydrolagus affinis</i> | 807331 |
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| | Larva | | <i>Salmo salar</i> | 807475 |
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| | Schooling | | Gobiidae | 809057 |
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| | <i>Osmerus eperlanus</i> | 804755 | Scorpaenidae | |
| | Home range and homing | | <i>Taenianotus triacanthus</i> | 807950 |
| | Experimental analysis | | Lophiidae | |
| | Serranidae | | <i>Lophius americanus</i> | 807207 |
| | <i>Morone chrysops</i> | 807479 | Function | |
| | Salmonidae | | Teleostei | 807771 |
| | <i>Salmo clarki</i> | 807419 | Descriptive evolution | |
| | Avoidance conditioning | | Rajomorpha | 807013 |
| | Salmonidae | | Squalomorpha | 807013 |
| | <i>Salmo clarki</i> | 807419 | Dipnoi | 807013 |
| | Fishing methods | | Cocciacanthini | |
| | Experimental analysis | | <i>Latimeria chalumnae</i> | 807013 |
| | Clupeidae | | Teleostei | 807013 |
| | <i>Sardina pilchardus</i> | 804981 | Tetraodontiformes | 807013 |
| | <i>Sprattus sprattus</i> | 804981 | Vertebrae | |
| | Engraulidae | | Descriptive evolution | |
| | <i>Engraulis encrasicolus</i> | 804981 | Teleostei | 806945 |
| | Hydrostatics | | Axial skeletal muscles | |
| | Elasmobranchii | 807979 | Descriptive evolution | |
| | Rajidae | | Teleostei | 806945 |
| | <i>Raja clavata</i> | 804531 | Nervous electrophysiology | |
| | <i>Raja montagui</i> | 804531 | Experimental analysis | |
| | | | Carcharhinidae | |
| | | | <i>Mustelus canis</i> | 804573 |

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| Torpedinidae | | <i>Oncorhynchus gorbusha</i> | 807429 | |
| <i>Torpedo nobiliana</i> | 804531 | <i>Oncorhynchus nerka</i> | 807429 | |
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| <i>Abudefduf taurus</i> | 804919 | Teleostei | 805577 | |
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| Xiphiidae | | Elasmobranchii | 804968 | |
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| | 803618 | Istiophoridae | 804968 | |
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| Exocoetidae | 807210 | <i>Melanogrammus aeglefinus</i> | 803568 | |
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| <i>Mugil saliens</i> | 804422 | Larva | | |
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| <i>Macoma smar</i> | 804422 | Experimental analysis | 809081 | |
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| <i>Carassius auratus</i> | 804422 | Salinity | | |
| Salmonidae | | Experimental analysis | | |
| <i>Salmo gairdneri</i> | 804422 | Sciaenidae | | |
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| <i>Pteraspis</i> | 807979 | Experimental analysis | | |
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| Acipenseromorpha | 807979 | <i>Euthynnus affinis</i> | 804994 | |
| Teleostei | 804968 | Feeding | | |
| Mugiloidi | | Experimental analysis | | |
| <i>Mugil saliens</i> | 803668 | Scombridae | | |
| Istiophoridae | 805578 | <i>Euthynnus affinis</i> | 804994 | |
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| <i>Salmo gairdneri</i> | 804219 | Swimming endurance | | |
| Experimental analysis | | Elasmobranchii | 804968 | |
| Pleuronectidae | | Teleostei | 804968 | |
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| Swimming | | Scombridae | 804968 | |
| Teleostei | 804422 | Pleuronectidae | 804968 | |
| Pectoral fins | | Clupeidae | 804968 | |
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| Mucus | | Gadidae | 804968 | |
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| Chondrostei | 804565 | Experimental analysis | | |
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| Teleostei | 804565 | <i>Perca flavescens</i> | 807444 | |
| Experimental analysis | | <i>Stizostedion vitreum</i> | 807444 | |
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| <i>Mugil cephalus</i> | 804569 | Experimental analysis | | |
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| <i>Mullus</i> | 804569 | <i>Oncorhynchus tshawytscha</i> | 807826 | |
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| <i>Pomadasys</i> | 804569 | Salmonidae | | |
| Change with age | | <i>Oncorhynchus tshawytscha</i> | 807826 | |
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| Teleostei | 807979 | Experimental analysis | | |
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| <i>Pomatomus saltatrix</i> | 807979 | Gobiidae | | |
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| Schooling | 807719 | <i>Hemipteronotus mundiceps</i> | 808465 | |
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| | Ophichthidae | | | 804723 |
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| | <i>Pisodonophis boro</i> | 806401 | <i>Scorpaenichthys marmoratus</i> | 807227 |
| | Larva | | Cyclopteridae | |
| | Salmonidae | | <i>Liparis mucosus</i> | 807227 |
| | <i>Oncorhynchus kisutch</i> | 806021 | Hexagrammidae | |
| | Fry | | <i>Ophiodon elongatus</i> | 807227 |
| | Experimental analysis | | <i>Oxylebius pictus</i> | 807227 |
| | Salmonidae | | Scorpaenidae | 807227 |
| | <i>Oncorhynchus</i> | 806020 | <i>Sebastes inermis</i> | 804316 |
| | Terrestrial locomotion | | Triglidae | |
| | Anabantidae | | <i>Peristedion cataphractum</i> | 806002 |
| | <i>Anabas testudineus</i> | 806390 | Atherinidae | |
| | Gobiidae | 809057 | <i>Atherinops affinis</i> | 807227 |
| | <i>Bathygobius ramosus</i> | 807246 | Clupeidae | |
| | <i>Peniophthalmus schlosseri</i> | 806141 | <i>Sardina pilchardus</i> | 804980 |
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| | <i>Rivulus beniensis</i> | 806670 | Congridae | |
| | Muraenidae | 807246 | <i>Gorgasia sillneri</i> | 804854 |
| | Clariidae | | <i>Taenioconger hassi</i> | 804854 |
| | <i>Clarias batrachus</i> | 803676 | Muraenidae | |
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| | | 806390 | Characidae | |
| | | 808708 | <i>Acestrorhynchus falcirostris</i> | 803580 |
| | | | Cynodontidae | |
| | Teleostei | 807979 | <i>Hydrolycus pectoralis</i> | 803580 |
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| | | 806206 | Erythrinidae | |
| | Gasteropelecidae | 804019 | <i>Hoplerythrinus unitaeniatus</i> | 803580 |
| | | 806206 | <i>Hoplias malabaricus</i> | 803580 |
| Leaping | <i>Carnegiella vesca</i> | 806090 | Cyprinidae | |
| | | | <i>Cyprinus carpio</i> | 805606 |
| | Cyprinodontidae | | Gadidae | 804975 |
| | <i>Fundulus confluentus</i> | 804643 | <i>Melanogrammus aeglefinus</i> | 806555 |
| | Experimental analysis | | <i>Urophycis chuss</i> | 806497 |
| | Plecoglossidae | | <i>Urophycis regius</i> | 806497 |
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| | | | <i>Merluccius</i> | 804975 |
| | Feeding | | <i>Merluccius productus</i> | 804988 |
| | Carcharhinidae | | Gobiesociformes | |
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| | Fistulariidae | | <i>Alepisaurus</i> | 806661 |
| | <i>Fistularia petimba</i> | 805226 | | 807697 |
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| | <i>Syngnathus californiensis</i> | 807227 | <i>Lampanyctus mexicanus</i> | 804276 |
| | Acanthuridae | 805465 | Salmonidae | |
| | | 805679 | <i>Salmo gairdneri</i> | 806252 |
| | Blenniidae | | <i>Salmo trutta</i> | 806252 |
| | <i>Hypsoblennius gentilis</i> | 807227 | Experimental analysis | |
| | Clinidae | 807227 | Scombridae | |
| | Pholididae | | <i>Scomber japonicus</i> | 806578 |
| | <i>Uvicola sanctaerosae</i> | 807227 | Pleuronectiformes | 804972 |
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| | <i>Xiphister mucosus</i> | 807227 | Descriptive evolution | |
| | Labridae | 805465 | Squalomorpha | |
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| | <i>Selar crumenophthalmus</i> | 805226 | Semionotomorpha | 807013 |
| | Cichlidae | 805744 | Teleostei | 807013 |
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| | <i>Geophagus jurupari</i> | 804217 | Lipid and fatty acid content | |
| | <i>Tilapia macrochir</i> | 806117 | Teleostei | 809069 |
| | <i>Tilapia melanopleura</i> | 806117 | Tainted tasting flesh | |
| | <i>Tilapia mossambica</i> | 806117 | Mugilidae | |
| | <i>Tilapia zilli</i> | 806117 | <i>Mugil cephalus</i> | 806917 |
| | Embiotocidae | 807227 | Muscular electrophysiology | |
| | Kyphosidae | | Percidae | |
| | <i>Girella nigricans</i> | 807227 | <i>Perca fluviatilis</i> | 805340 |
| | <i>Medialuna californiensis</i> | 807227 | Brain | |
| | Percidae | | Function | |
| | <i>Stizostedion vitreum</i> | 807178 | Gobiidae | |
| | Pomacentridae | | <i>Glossogobius giuris</i> | 806369 |
| | <i>Chromis punctipinnis</i> | 807227 | Centropomidae | |
| | <i>Hypsypops rubicunda</i> | 807227 | <i>Ambassis ranga</i> | 806369 |
| | Serranidae | | Nandidae | |
| | <i>Paralabrax clathratus</i> | 807227 | <i>Nandus nandus</i> | 806369 |
| | <i>Stereolepis gigas</i> | 807227 | Cynoglossidae | |
| | Sillaginidae | | <i>Cynoglossus bilineatus</i> | 806369 |
| | <i>Sillago sihama</i> | 806767 | Amphipnoidae | |
| | Bothidae | 804332 | <i>Amphipneus cuchia</i> | 806369 |
| | <i>Arnoglossus laterna</i> | 804723 | Belonidae | |
| | Cynoglossidae | | <i>Xenentodon cancila</i> | 806369 |
| | | 804723 | Clupeidae | |
| | Pleuronectidae | 804332 | <i>Hilsa ilisha</i> | 806369 |
| | | 804723 | Cyprinidae | |
| | <i>Microstomus kitt</i> | 806555 | <i>Chela bacaila</i> | 806369 |
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| | <i>Psettodes belcheri</i> | 804723 | | |

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| <i>Naja dandrica</i> | 806369 | <i>Salmo trutta</i> | 806621 | Behavior (continued) |
| Bagridae | | Seasonal changes | | |
| <i>Myxus tengara</i> | 806369 | Percidae | | |
| Clariidae | | <i>Stizostedion canadense</i> | 804525 | |
| <i>Clarias batrachus</i> | 806369 | Cyprinidae | | |
| Notopteridae | | <i>Gobio gobio</i> | 804077 | Feeding |
| <i>Notopterus notopterus</i> | 806369 | Adlibitum food capacity | | |
| Displacement detection | | Experimental analysis | | |
| Experimental analysis | | Scombridae | | |
| Carcharhinidae | 804784 | <i>Euthynnus pelamis</i> | 807823 | |
| Orectolobidae | | Poeciliidae | | |
| <i>Ginglymostoma cirratum</i> | 804784 | <i>Poecilia reticulata</i> | 804885 | |
| Sphyrnidae | | Cyprinidae | | |
| <i>Sphyrna tiburo</i> | 804784 | <i>Carassius carassius</i> | 804885 | |
| Serranidae | 804784 | Intertidal zone | | |
| Nose | | Teleostei | | |
| Experimental analysis | | Lotic waters | | |
| Petromyzontomorpha | | Teleostei | 807434 | |
| <i>Petromyzon marinus</i> | 803957 | Availability and use of food | | |
| Elasmobranchii | 803957 | Experimental analysis | | |
| Orectolobidae | | Salmonidae | | |
| <i>Ginglymostoma cirratum</i> | 803957 | <i>Oncorhynchus gorbuscha</i> | 803519 | |
| Teleostei | 803957 | <i>Oncorhynchus keta</i> | 803519 | |
| Larva | | Circadian rhythms | | |
| Sparidae | | Carangidae | | |
| <i>Chrysophrys major</i> | 805345 | <i>Trachurus declivis</i> | 807753 | |
| Soleidae | | Poeciliidae | | |
| <i>Zebrias zebra</i> | 805345 | <i>Gambusia affinis</i> | 807179 | |
| Exocoetidae | | Characidae | | |
| <i>Hemiramphus sajori</i> | 805345 | <i>Micralestes acutidens</i> | 805053 | |
| Change with age | | Salmonidae | | |
| Clupeidae | | <i>Oncorhynchus gorbuscha</i> | 804955 | |
| <i>Clupeonella delicatula</i> | 807732 | <i>Oncorhynchus keta</i> | 804955 | |
| Circadian rhythms | | <i>Oncorhynchus nerka</i> | 807800 | |
| Clupeidae | | Larva | | |
| <i>Clupeonella delicatula</i> | 807732 | Clupeidae | | |
| Learned vs unlearned behavior | | <i>Sardinia pilchardus</i> | 804529 | |
| Teleostei | 804987 | Change with age | | |
| Pleuronectidae | | Cyprinidae | | |
| <i>Pleuronectes platessa</i> | 804987 | <i>Erycyma buccata</i> | 807003 | |
| Fry | | <i>Leuciscus cephalus</i> | 805344 | |
| Acipenseromorpha | 805559 | Seasonal changes | | |
| Semionotomorpha | 804827 | Cyprinidae | | |
| Salmonidae | | <i>Erycyma buccata</i> | 807003 | |
| <i>Oncorhynchus kisutch</i> | 806024 | Salmonidae | | |
| Effects of experience | | <i>Salmo trutta</i> | 805809 | |
| Salmonidae | | Activity patterns | | |
| <i>Oncorhynchus nerka</i> | 803864 | Percidae | | |
| Young | | <i>Perca fluviatilis</i> | 804527 | |
| Centrarchidae | | Cyprinidae | | |
| <i>Pomoxis annularis</i> | 806166 | <i>Scardinius erythrophthalmus</i> | 804527 | |
| Cichlidae | | <i>Tinca tinca</i> | 804527 | |
| <i>Tilapia mossambica</i> | 804049 | Esocidae | | |
| Percidae | | <i>Esox lucius</i> | 804524 | |
| <i>Stizostedion canadense</i> | 806166 | Salmonidae | | |
| Sciaenidae | | <i>Oncorhynchus gorbuscha</i> | 805432 | |
| <i>Aplodinotus grunniens</i> | 806166 | <i>Oncorhynchus keta</i> | 805432 | |
| Experimental analysis | | <i>Oncorhynchus nerka</i> | 805432 | |
| Salmonidae | | Experimental analysis | | |
| <i>Oncorhynchus gorbuscha</i> | 803519 | Poeciliidae | | |
| <i>Oncorhynchus keta</i> | 803519 | <i>Poecilia reticulata</i> | 804885 | |
| Change with age | | Cyprinidae | | |
| Gobiidae | 805205 | <i>Carassius carassius</i> | 804885 | |
| Labridae | | Intraspecific variation | | |
| <i>Duymaeria flagellifera</i> | 805205 | Cyprinidae | | |
| Centrarchidae | | <i>Abramis brama</i> | 806451 | |
| <i>Micropterus salmoides</i> | 806131 | Seasonal changes | | |
| Embiotocidae | 805609 | Cyprinidae | | |
| <i>Ditrema temminckii</i> | 805205 | <i>Blicca bjoerkna</i> | 804076 | |
| Percidae | | Change with age | | |
| <i>Perca fluviatilis</i> | 806131 | Anguillidae | | |
| <i>Stizostedion lucioperca</i> | 806131 | <i>Anguilla anguilla</i> | 806449 | |
| | 806484 | Activity patterns | | |
| Pomacentridae | | Scombridae | | |
| <i>Pomacentrus jenkinsi</i> | 805106 | <i>Thunnus</i> | 806419 | |
| Cottidae | 805205 | Cyprinidae | | |
| Scorpaenidae | | <i>Phoxinus erythrogaster</i> | 804435 | |
| <i>Sebastes inermis</i> | 805205 | Terrestrial locomotion | | |
| <i>Sebastiscus marmoratus</i> | 805205 | Anabantidae | | |
| Balistidae | | <i>Anabas testudineus</i> | 806390 | |
| <i>Monacanthus cirrhifer</i> | 805205 | Clariidae | | |
| <i>Monacanthus japonicus</i> | 805205 | <i>Clarias batrachus</i> | 806390 | |
| <i>Rudarius ercodes</i> | 805205 | Gut contents | | |
| Characidae | | Computer analysis | | |
| <i>Alestes macrophthalmus</i> | 804392 | Teleostei | 807911 | |
| Cyprinidae | | Group behavior | | |
| <i>Cyprinus carpio</i> | 806484 | Labridae | | |
| <i>Ptychocheilus lucius</i> | 807090 | <i>Coris julis</i> | 805638 | |
| <i>Rutilus rutilus</i> | 806484 | <i>Crenilabrus</i> | 805638 | |
| Plotosidae | | Mullidae | | |
| <i>Plotosus anguillaris</i> | 805205 | <i>Mullus surmuletus</i> | 805638 | |
| Esocidae | | | | |
| <i>Esox lucius</i> | 806131 | | | |

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| Behavior (continued) | Sparidae | | Mechanical senses | |
| | <i>Dentex</i> | 805638 | Experimental analysis | |
| | <i>Diplodus vulgaris</i> | 805638 | Amblyopsidae | |
| Feeding | Soleidae | | <i>Chologaster agassizi</i> | 804436 |
| | <i>Monochirus hispidus</i> | 805638 | Chemical senses | |
| | Aural sensitivity and acuity | | Experimental analysis | |
| | Carcharhinidae | | Amblyopsidae | |
| | <i>Carcharhinus</i> | 807208 | <i>Chologaster agassizi</i> | 804436 |
| | Sphyrnidae | 807208 | Visual senses | |
| | Group effect | | Pleuronectidae | |
| | Scombridae | | <i>Pseudopleuronectes americanus</i> | 807873 |
| | <i>Thunnus</i> | 804967 | Larva | |
| | Sound production | | Clupeidae | |
| | Experimental analysis | | <i>Opisthonema oglinum</i> | 807848 |
| | Teleostei | 808359 | Change with age | |
| | Sensory deprivation | | Gadidae | |
| | Experimental analysis | | <i>Gadus morhua</i> | 807373 |
| | Esocidae | | Change with age | |
| | <i>Esox lucius</i> | 805639 | Engraulidae | |
| | Effects of experience | | <i>Engraulis japonicus</i> | 806761 |
| | Experimental analysis | | Larva | |
| | Salmonidae | | Clupeidae | |
| | <i>Oncorhynchus keta</i> | 807443 | <i>Clupea harengus</i> | 804396 |
| | Captive vs natural fishes | | Insecta | |
| | Percidae | | Experimental analysis | |
| | <i>Stizostedion vitreum</i> | 806115 | Cyprinodontidae | |
| | Catostomidae | | <i>Cyprinodon nevadensis</i> | 806973 |
| | <i>Catostomus commersoni</i> | 806115 | Poeciliidae | |
| | Digging for food | | <i>Gambusia affinis</i> | 806973 |
| | Cyprinodontidae | | Larva | |
| | <i>Cyprinodon</i> | 804951 | Cyprinodontidae | |
| | <i>Cyprinodon atrorus</i> | 804951 | <i>Cyprinodon nevadensis</i> | 806973 |
| | Skin nipping for food | | Poeciliidae | |
| | Effects of experience | | <i>Gambusia affinis</i> | 806973 |
| | Experimental analysis | | Digging for food | |
| | Blenniidae | | Gadidae | |
| | <i>Runula rhinorhynchus</i> | 808501 | <i>Gadus morhua</i> | 808292 |
| | Descriptive evolution | | Grazing | |
| | Blenniidae | | Teleostei | 805465 |
| | <i>Runula rhinorhynchus</i> | 808501 | Acanthuridae | 805679 |
| | Gut contents | | <i>Acanthurus</i> | 805465 |
| | Change with age | | Mugiloidi | |
| | Ammodytidae | | <i>Rhinomugil corsula</i> | 806902 |
| | <i>Ammodytes hexapterus</i> | 803519 | Cyprinodontidae | |
| | Hexagrammidae | | <i>Cyprinodon</i> | 804951 |
| | <i>Hexagrammos decagrammus</i> | 803519 | Description and occurrence | |
| | Seasonal changes | | Algae | |
| | Characidae | | Teleostei | 805066 |
| | <i>Alestes macrophthalmus</i> | 804392 | Seaweeds | |
| | Preying on large prey | | Teleostei | 805066 |
| | Squalomorpha | 805999 | Preying on small prey | |
| | Carcharhinidae | 807208 | Carangidae | |
| | Istiophoridae | | <i>Gnathanodon speciosus</i> | 808465 |
| | <i>Makaira nigricans</i> | 807932 | Straining for food | |
| | Schooling | | Experimental analysis | |
| | Descriptive evolution | | Engraulidae | |
| | Characidae | | <i>Engraulis mordax</i> | 807372 |
| | <i>Serrasalmus</i> | 804807 | Sifting for food | |
| | Attacks on man | | Acanthuridae | 805679 |
| | Squalomorpha | 808904 | Gobiidae | |
| | Preying on small prey | | <i>Boleophthalmus boddarti</i> | 809057 |
| | Centrarchidae | | <i>Scartelao viridis</i> | 809057 |
| | <i>Micropterus salmoides</i> | 806527 | Gadidae | |
| | Percidae | 806866 | <i>Gadus morhua</i> | 808292 |
| | <i>Perca flavescens</i> | 807446 | Shooting and jetting for food | |
| | <i>Perca fluviatilis</i> | 807718 | Belontiidae | |
| | <i>Stizostedion lucioperca</i> | 807718 | <i>Colisa lalia</i> | 805888 |
| | <i>Stizostedion vitreum</i> | 807446 | | 805889 |
| | Serranidae | | | 806597 |
| | <i>Epinephelus labriformis</i> | 808465 | Toxotidae | |
| | Cottidae | | <i>Toxotes</i> | 803829 |
| | <i>Cottus gobio</i> | 805601 | <i>Toxotes jaculatrix</i> | 805889 |
| | <i>Taurulus bubalis</i> | 805601 | Fanning for food | |
| | Cyprinodontidae | | Balistridae | |
| | <i>Cyprinodon</i> | 804951 | <i>Sufflamen verres</i> | 808465 |
| | Characidae | | Luring and angling for food | |
| | <i>Serrasalmus nattereri</i> | 804731 | Teleostei | |
| | Cyprinidae | | Chacidae | 805021 |
| | <i>Notropis hudsonius</i> | 807446 | <i>Chaca chaca</i> | 808501 |
| | <i>Phoxinus erythrogaster</i> | 804435 | Lophiiformes | 808501 |
| | Esocidae | | Antennariidae | |
| | <i>Esox lucius</i> | 807718 | <i>Antennarius scaber</i> | 808815 |
| | Experimental analysis | | Fin clipping for food | |
| | Centrarchidae | | Blenniidae | |
| | Scombridae | | <i>Aspidontus taeniatus</i> | 808501 |
| | <i>Lepomis gibbosus</i> | 804628 | Ichthyoboridae | |
| | Engraulidae | | <i>Phago loricatus</i> | 809052 |
| | <i>Engraulis mordax</i> | 807372 | Scale scraping for food | |
| | Muscles | | Blenniidae | |
| | Function | | <i>Runula azalea</i> | 807577 |
| | Anabantidae | | | 808465 |
| | <i>Anabas testudineus</i> | 808789 | | |

| Descriptive evolution | | Muscular electrophysiology | | Behavior |
|------------------------------------|--------|--------------------------------|--------|------------------------|
| Characidae | | Percidae | | (continued) |
| Cataprin | 804807 | <i>Perca fluviatilis</i> | 805340 | |
| Exodon | 804807 | Larva | | |
| Feeding on parent | | Salmonidae | | |
| Development | | <i>Oncorhynchus</i> | 806020 | Self-protection |
| Cichlidae | | Exercise | | |
| <i>Etoplus maculatus</i> | 806274 | Experimental analysis | | |
| Prolactin | | Centrarchidae | | |
| Experimental analysis | | <i>Lepomis gibbosus</i> | 803826 | |
| Cichlidae | 809072 | Ictaluridae | | |
| Change with age | | <i>Ictalurus nebulosus</i> | 803826 | |
| Cichlidae | | Salmonidae | | |
| <i>Etoplus maculatus</i> | 806148 | <i>Salmo trutta</i> | 803826 | |
| Cleaning symbiosis | | Temperature | | |
| Teleostei | | Experimental analysis | | |
| | 804417 | Centrarchidae | | |
| | 806562 | <i>Lepomis macrochirus</i> | 803970 | |
| | 808501 | Cyprinidae | | |
| Gobiidae | | <i>Carassius auratus</i> | 803996 | |
| <i>Gobiosoma digueti</i> | 808465 | Hydrogen ion concentration | | |
| Labridae | | Experimental analysis | | |
| <i>Bodianus diplotaenia</i> | 803553 | Salmonidae | | |
| | 808465 | <i>Salmo salar</i> | 806255 | |
| <i>Crenilabrus melanocercus</i> | 805638 | Oxygen | | |
| <i>Crenilabrus ocellatus</i> | 805638 | Experimental analysis | | |
| <i>Labrichthys cousteau</i> | 807935 | Dipnoi | | |
| <i>Labroides bicolor</i> | 808284 | <i>Protopterus aethiopicus</i> | 807318 | |
| <i>Labroides dimidiatus</i> | 805021 | Centrarchidae | | |
| | 806069 | <i>Lepomis macrochirus</i> | 803970 | |
| | 807935 | Salmonidae | | |
| <i>Labroides phthiropagus</i> | 804175 | <i>Salmo salar</i> | 806255 | |
| <i>Labroides rubrolabiatus</i> | 808644 | Carbon dioxide | | |
| <i>Oxyjulis californica</i> | 803553 | Experimental analysis | | |
| | 807188 | Dipnoi | | |
| <i>Symphodus melanocercus</i> | 803931 | <i>Protopterus aethiopicus</i> | 807318 | |
| <i>Thalassoma lucasanum</i> | 803553 | Salmonidae | | |
| | 808465 | <i>Salmo salar</i> | 806255 | |
| Chaetodontidae | | Oral brooding | | |
| <i>Heniocchus nigrirostris</i> | 803553 | Function | | |
| | 808465 | Cichlidae | | |
| <i>Pomacanthus imperator</i> | 804175 | <i>Tilapia melanotheron</i> | 808411 | |
| Cichlidae | | Gill cleaning | | |
| <i>Etoplus maculatus</i> | 805021 | Fry | | |
| <i>Geophagus brasiliensis</i> | 805021 | Salmonidae | | |
| Embiotocidae | | <i>Oncorhynchus</i> | 806020 | |
| <i>Phanerodon atripes</i> | 803553 | Oral brooding | | |
| Pomacentridae | | Function | | |
| <i>Abudefduf troscheli</i> | 803553 | Cichlidae | | |
| | 808465 | <i>Tilapia melanotheron</i> | 808411 | |
| <i>Chromis punctipinnis</i> | 807188 | Gas bladder filling | | |
| Serranidae | | Fry | | |
| <i>Epinephelus itajara</i> | 806069 | Salmonidae | | |
| Scorpaenidae | | <i>Oncorhynchus</i> | 806020 | |
| Sebastes | 807188 | Self protection | | |
| Molidae | | Deceptive actions | | |
| <i>Mola mola</i> | 807188 | Doradidae | | |
| Atherinidae | | <i>Hassar orestis</i> | 804731 | |
| <i>Atherinops affinis</i> | 807188 | Habitat preference | | |
| <i>Atherinopsis californiensis</i> | 807188 | Elasmobranchii | 807237 | |
| Muraenidae | 806069 | Teleostei | 807237 | |
| Experimental analysis | | Cottidae | | |
| Labridae | | <i>Cottus gobio</i> | 805199 | |
| <i>Labroides dimidiatus</i> | 806677 | <i>Cottus poecilopus</i> | 805199 | |
| | 806681 | Cyprinidae | | |
| Reptilia | | <i>Barbus natalensis</i> | 806780 | |
| Pomacentridae | | <i>Labco rubromaculatus</i> | 806780 | |
| <i>Abudefduf troscheli</i> | 807607 | Experimental analysis | | |
| Poisonous as food | | Acanthuridae | | |
| Egg | | <i>Acanthurus triostegus</i> | 804921 | |
| Amphibia | | Descriptive evolution | | |
| Gasterosteidae | | Blenniidae | | |
| <i>Gasterosteus aculeatus</i> | 804439 | <i>Hypsoblennius</i> | 803625 | |
| Salmonidae | | Change with age | | |
| <i>Salmo clarki</i> | 804439 | Serranidae | | |
| Protective behavior | | <i>Epinephelus morio</i> | 806260 | |
| Pomadasysidae | | Experimental analysis | | |
| <i>Orthostoechus macuicauda</i> | 808465 | Acanthuridae | | |
| Congridae | | <i>Acanthurus triostegus</i> | 806145 | |
| <i>Taenioconger</i> | 808465 | Temperature | | |
| Characidae | | Teleostei | 807042 | |
| <i>Alestes imber</i> | 809052 | | 808926 | |
| Breathing | | Salinity | | |
| Pleuronectidae | | Developing egg | | |
| <i>Pleuronectes platessa</i> | 805864 | Teleostei | 809066 | |
| Cyprinidae | | Larva | | |
| <i>Cyprinus carpio</i> | 804188 | Teleostei | 809066 | |
| | 804189 | Reproduction | | |
| | 804190 | Salmonidae | | |
| Ictaluridae | | <i>Oncorhynchus gorbusha</i> | 806644 | |
| <i>Ictalurus</i> | 804112 | <i>Oncorhynchus keta</i> | 806644 | |
| Muscles | | Experimental analysis | | |
| Function | | Teleostei | 809079 | |
| Anabantidae | | | | |
| <i>Anabas testudineus</i> | 808789 | | | |

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|-------------------------------------|--------|-----------------------------------|--------|---------------------------------|
| Angling | | <i>Tilapia variabilis</i> | 804920 | Behavior (continued) |
| Inheritance | | <i>Tropheus moorei</i> | 808834 | |
| Cyprinidae | | | 805415 | |
| <i>Cyprinus carpio</i> | 809058 | | 808831 | Social behavior |
| Captive vs natural fishes | | Pomacentridae | 804919 | |
| Gobiidae | | Serranidae | | |
| <i>Periophthalmus</i> | 805534 | <i>Paralabrax clathratus</i> | 807229 | |
| Gillnetting | | Opistognathidae | | |
| Salmonidae | | <i>Opistognathus aurifrons</i> | 807245 | |
| <i>Oncorhynchus gorbuscha</i> | 807429 | Cottidae | | |
| <i>Oncorhynchus nerka</i> | 807429 | <i>Myoxocephalus quadricornis</i> | 806258 | |
| Deceptive actions | | Scorpaenidae | | |
| Serranidae | | <i>Taenianotus triacanthus</i> | 807950 | |
| <i>Paralabrax clathratus</i> | 807229 | Balistidae | | |
| Warning display | | <i>Melichthys niger</i> | 805996 | |
| Function | | Cyprinodontidae | | |
| Descriptive evolution | | <i>Cyprinodon atrotus</i> | 804951 | |
| Gasterosteidae | | | 805725 | |
| <i>Culaea inconstans</i> | 804879 | <i>Cyprinodon elegans</i> | 804947 | |
| Sound production | | Poeciliidae | | |
| Cottidae | | <i>Poecilia</i> | 806142 | |
| <i>Myoxocephalus quadricornis</i> | 806258 | Congridae | | |
| Defensive spines | | <i>Gorgasia sillneri</i> | 804854 | |
| Function | | Muraenidae | | |
| Scorpaenidae | | <i>Gymnothorax mordax</i> | 808137 | |
| <i>Scorpaena guttata</i> | 804274 | Ictaluridae | | |
| Doradidae | | <i>Ictalurus natalis</i> | 806984 | |
| <i>Hassar orestis</i> | 804731 | Mormyridae | 808972 | |
| Poisons liberated into water | | Salmonidae | | |
| Teleostei | 809085 | <i>Salmo gairdneri</i> | 806019 | |
| Serranidae | | | 806252 | |
| <i>Diploprion bifasciatum</i> | 807241 | <i>Salmo trutta</i> | 806252 | |
| Ostraciidae | | Experimental analysis | | |
| <i>Ostracion lentiginosus</i> | 804245 | Teleostei | 806563 | |
| Lethal environmental limits | | Cichlidae | | |
| Experimental analysis | | <i>Tilapia mariae</i> | 804623 | |
| Teleostei | 807595 | Poeciliidae | | |
| Ostraciidae | 807595 | <i>Xiphophorus helleri X</i> | | |
| Social behavior | | <i>Xiphophorus maculatus X</i> | 806897 | |
| Captive vs natural fishes | | Apterodontidae | | |
| Salmonidae | | <i>Apterodontus</i> | 805480 | |
| <i>Salvelinus fontinalis</i> | 808515 | Rhaphichthyidae | | |
| Species recognition | | <i>Steatogenys</i> | 805480 | |
| Gasterosteidae | | Availability and use of food | | |
| <i>Gasterosteus aculeatus</i> | 806144 | Salmonidae | | |
| | 806147 | <i>Salmo salar</i> | 806025 | |
| Percidae | | Effect on fish | | |
| <i>Perca flavescens</i> | 807446 | Rate of growth | | |
| Cyprinidae | | Sparidae | | |
| <i>Notropis hudsonius</i> | 807446 | <i>Chrysophrys major</i> | 805345 | |
| <i>Ptychocheilus oregonensis</i> | 807786 | Intraspecific variation | | |
| Courtship | | Sparidae | | |
| Gasterosteidae | | <i>Chrysophrys major</i> | 805345 | |
| <i>Gasterosteus aculeatus</i> | 807473 | Coloration | | |
| <i>Gasterosteus wheatlandi</i> | 807473 | Experimental analysis | | |
| Multiple choice testing | | Cichlidae | | |
| Experimental analysis | | <i>Haplochromis burtoni</i> | 804841 | |
| Poeciliidae | | <i>Tilapia melanotheron</i> | 806281 | |
| <i>Xiphophorus helleri</i> | 808326 | Gonadotropin | | |
| <i>Xiphophorus maculatus</i> | 808326 | Experimental analysis | | |
| Aggressive behavior | | Teleostei | 809079 | |
| Carcharhinidae | | Prolectin | | |
| <i>Carcharhinus</i> | 807208 | Experimental analysis | | |
| Isuridae | | Teleostei | 809079 | |
| <i>Carcharodon carcharias</i> | 807208 | Adrenaline | | |
| Sphyrnidae | | Experimental analysis | | |
| <i>Sphyrna lewini</i> | 807208 | Belontiidae | | |
| <i>Sphyrna mokarran</i> | 807208 | <i>Betta splendens</i> | 806981 | |
| Teleostei | 805021 | Noradrenaline | | |
| | 806529 | Experimental analysis | | |
| Gasterosteidae | | Belontiidae | | |
| <i>Culaea inconstans</i> | 804879 | <i>Betta splendens</i> | 806980 | |
| Helostomatidae | | | 806981 | |
| <i>Helostoma temminckii</i> | 806601 | Testis | | |
| Blenniidae | | Experimental analysis | | |
| <i>Blennius fluviatilis</i> | 805021 | Salmonidae | | |
| <i>Hypsoblennius</i> | 803625 | <i>Oncorhynchus nerka</i> | 807414 | |
| Gobiidae | 806057 | Androgens | | |
| <i>Gillichthys mirabilis</i> | 808137 | Experimental analysis | | |
| Labridae | 806486 | Centrarchidae | | |
| Cichlidae | | <i>Lepomis gibbosus</i> | 806248 | |
| <i>Cichlasoma</i> | 808843 | <i>Lepomis megalotis</i> | 806248 | |
| <i>Etioplos maculatus</i> | 805021 | Fry | | |
| <i>Geophagus brasiliensis</i> | 805021 | Experimental analysis | | |
| <i>Tilapia galilaea</i> | 804920 | Salmonidae | | |
| | 808818 | <i>Oncorhynchus kisutch</i> | 807342 | |
| <i>Tilapia guineensis</i> | 804920 | Change with age | | |
| <i>Tilapia mariae</i> | 804920 | Pomacentridae | | |
| <i>Tilapia mossambica</i> | 806116 | <i>Pomacentrus jenkinsi</i> | 805106 | |
| <i>Tilapia multifasciata</i> | 808820 | Inheritance | | |
| | 808821 | Sex chromosomes | | |
| <i>Tilapia nilotica</i> | 808841 | Oryziatidae | | |
| <i>Tilapia tholloni</i> | 805862 | <i>Oryzias latipes</i> | 806247 | |

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|---------------------------------------|-----------------------------------|--------|-----------------------------------|--------|
| Behavior (continued) | Living space | | Ictaluridae | |
| | Experimental analysis | | <i>Ictalurus natalis</i> | 806984 |
| | Centrarchidae | | Mormyridae | 808972 |
| Social behavior | <i>Lepomis gibbosus</i> | 806248 | Salmonidae | 806016 |
| | <i>Lepomis megalotis</i> | 806248 | <i>Oncorhynchus nerka</i> | 806018 |
| | Cichlidae | | <i>Salmo gairdneri</i> | 806019 |
| | <i>Cichlasoma</i> | 807057 | <i>Salmo trutta</i> | 806252 |
| | Activity patterns | | | 806252 |
| | Experimental analysis | | <i>Salvelinus alpinus</i> | 806254 |
| | Cichlidae | | | 806254 |
| | <i>Cichlasoma</i> | 807057 | Function | |
| | Species recognition | | Descriptive evolution | |
| | Helostomatidae | | Cyprinodontidae | |
| | <i>Helostoma temminckii</i> | 805592 | <i>Cyprinodon</i> | 804951 |
| | Group behavior | | Larva | |
| | Pomacentridae | | Salmonidae | |
| | <i>Chromis punctipinnis</i> | 807188 | <i>Oncorhynchus kisutch</i> | 806021 |
| | Reproduction | | Change with age | |
| | Experimental analysis | | Pomacentridae | |
| | Cichlidae | | <i>Pomacentrus jenkinsi</i> | 805106 |
| | <i>Etroplus maculatus</i> | 805107 | Captive vs natural fishes | |
| | Courtship | | Salmonidae | |
| | Experimental analysis | | <i>Salvelinus fontinalis</i> | 808515 |
| | Cichlidae | | Aggressive display | |
| | <i>Etroplus maculatus</i> | 809014 | Belontiidae | |
| | Effects of isolation | | <i>Trichopsis vittatus</i> | 803810 |
| | Experimental analysis | | Gobiidae | |
| | Gasterosteidae | | <i>Periophthalmus koelreuteri</i> | 808959 |
| | <i>Gasterosteus aculeatus</i> | 806146 | Cichlidae | |
| | Visual signals | | <i>Tilapia multifasciata</i> | 808820 |
| | Gobiidae | | Poeciliidae | |
| | <i>Periophthalmus koelreuteri</i> | 808959 | <i>Girardinus falcatus</i> | 803859 |
| | | 808961 | Function | |
| | Experimental analysis | | Percidae | |
| | Gasterosteidae | | <i>Percina notogramma</i> | 807600 |
| | <i>Gasterosteus aculeatus</i> | 808956 | <i>Percina peltata</i> | 807600 |
| | Effects of experience | | Descriptive evolution | |
| | Experimental analysis | | Percidae | |
| | Belontiidae | | <i>Percina notogramma</i> | 807600 |
| | <i>Betta splendens</i> | 806980 | <i>Percina peltata</i> | 807600 |
| | Learned vs unlearned behavior | | Electric organs | |
| | Experimental analysis | | Gymnotidae | |
| | Belontiidae | | <i>Gymnotus carapo</i> | 809042 |
| | <i>Betta splendens</i> | 807052 | Group behavior | |
| | Behavioral habituation | | Cyprinodontidae | |
| | Experimental analysis | | <i>Epiplatys bifasciatus</i> | 808275 |
| | Gasterosteidae | | Pavlovian conditioning | |
| | <i>Gasterosteus aculeatus</i> | 806144 | Experimental analysis | |
| | | 806147 | Belontiidae | |
| | Belontiidae | | <i>Betta splendens</i> | 807052 |
| | <i>Betta splendens</i> | 808320 | Avoidance conditioning | |
| | | 808325 | Mirror image | |
| | Attacks on man | | Experimental analysis | |
| | Squalomorpha | 808904 | Belontiidae | |
| | | | <i>Betta splendens</i> | 808322 |
| Territoriality | Gasterosteidae | | Instrumental conditioning | |
| | <i>Gasterosteus wheatlandi</i> | 807473 | Experimental analysis | |
| | Anabantidae | | Belontiidae | |
| | <i>Ctenopoma damasi</i> | 808979 | <i>Betta splendens</i> | 806526 |
| | Blenniidae | | Behavioral habituation | |
| | <i>Runula azalea</i> | 808465 | Experimental analysis | |
| | Chaenopsidae | | Belontiidae | |
| | <i>Chaenopsis alepidota</i> | 808465 | <i>Betta splendens</i> | 808470 |
| | Gobiidae | | Mirror vs live fish | |
| | <i>Periophthalmus koelreuteri</i> | 807245 | Behavioral habituation | |
| | | 806370 | Experimental analysis | |
| | | 808961 | Belontiidae | |
| | Chaetodontidae | | <i>Betta splendens</i> | 808325 |
| | <i>Chelmon rostratus</i> | 805401 | | |
| | Cichlidae | | Fighting | |
| | <i>Cichlasoma meeki</i> | 807056 | Cichlidae | |
| | <i>Haplochromis burtoni</i> | 804841 | <i>Etroplus maculatus</i> | 805107 |
| | <i>Pseudotropheus auratus</i> | 806134 | <i>Pelmatochromis annectens</i> | 808817 |
| | <i>Pseudotropheus zebra</i> | 806134 | <i>Tilapia guineensis</i> | 808819 |
| | <i>Tilapia tholloni</i> | 805862 | <i>Tilapia zilli</i> | 803917 |
| | Percidae | | Galaxiidae | |
| | <i>Etheostoma varietum</i> | 804100 | <i>Galaxias postvectis</i> | 804508 |
| | Pomacentridae | | Effect on fish | |
| | | 804919 | Incidence of infection | |
| | | 806976 | Blenniidae | |
| | Serranidae | | <i>Hypsoblennius jenkinsi</i> | 807626 |
| | <i>Epinephelus itajara</i> | 807245 | Clinidae | |
| | Cyprinodontidae | | <i>Acanthemblemaria crockeri</i> | 807626 |
| | <i>Cyprinodon atrovirens</i> | 805725 | Lymphocystis disease | |
| | <i>Cyprinodon elegans</i> | 804947 | Blenniidae | |
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| <i>Anguilla japonica</i> | 807986 | | 808907 | |
| | 808948 | <i>Oncorhynchus tshawytscha</i> | 806873 | |
| <i>Anguilla marmorata</i> | 807986 | | 808658 | |
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| <i>Moxostoma carinatum</i> | 804165 | | 807445 | |
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| <i>Merluccius</i> | 804975 | Salmonidae | | |
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| Retropinnidae | 804901 | Salmonidae | | |
| | 807632 | <i>Salmo salar</i> | 807925 | |
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| <i>Anotopterus pharao</i> | 807663 | Biochemistry | | |
| Paralepididae | | Salmonidae | | |
| <i>Paralepis atlantica</i> | 807663 | <i>Oncorhynchus keta</i> | 805675 | |
| Salmonidae | 805964 | Nose | | |
| | 806016 | Experimental analysis | | |
| | 806035 | Salmonidae | | |
| | 807135 | <i>Oncorhynchus kisutch</i> | 807476 | |
| <i>Coregonus clupeoides</i> | 803672 | <i>Oncorhynchus tshawytscha</i> | 807476 | |
| <i>Oncorhynchus</i> | 803566 | <i>Salmo salar</i> | 807477 | |
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| | 805678 | <i>Oncorhynchus nerka</i> | 807456 | |
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| | 807669 | <i>Salmo salar</i> | 806285 | |
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| | 807116 | Salmonidae | | |
| | 808782 | <i>Salmo salar</i> | 803809 | |

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| | <i>Mugil saliens</i> | 806026 | Salinity | |
| | Salmonidae | | Salmonidae | |
| | <i>Oncorhynchus gorbuscha</i> | 806643 | <i>Oncorhynchus nerka</i> | 808376 |
| | <i>Oncorhynchus keta</i> | 806645 | Circadian rhythms | |
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| | | 807340 | <i>Salmo salar</i> | 806028 |
| | Experimental analysis | | Seasonal changes | |
| | Salmonidae | | Salmonidae | |
| | <i>Oncorhynchus keta</i> | 804119 | <i>Oncorhynchus tshawytscha</i> | 808657 |
| | <i>Salmo gairdneri</i> | 804119 | Dams and barriers | |
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| | Evolutionary adaptation | | Salmonidae | |
| | Salmonidae | | <i>Oncorhynchus tshawytscha</i> | 808728 |
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| | Young | | Biochemistry | |
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| | <i>Trinectes maculatus</i> | 806872 | <i>Salmo trutta</i> | 805920 |
| | Gadidae | | Sex ratio | |
| | <i>Pollachius virens</i> | 807074 | Salmonidae | |
| | Salmonidae | | <i>Oncorhynchus masou</i> | 805674 |
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| | <i>Oncorhynchus keta</i> | 808797 | Experimental analysis | |
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| Age class distribution | | Chauliodontidae | | Behavior |
| Salmonidae | | <i>Chauliodus</i> | 806736 | (continued) |
| <i>Oncorhynchus nerka</i> | 807275 | <i>Chauliodus sloanei</i> | 807517 | |
| Activity patterns | | Gonostomatidae | | |
| Experimental analysis | | <i>Cyclothone</i> | 804208 | |
| Anguillidae | | | 806736 | Sound production |
| <i>Anguilla anguilla</i> | 807103 | <i>Diplophos taenia</i> | 806662 | |
| Terrestrial locomotion | | <i>Maurolichthys muelleri</i> | 807517 | |
| Anguillidae | | <i>Valenciennellus tripunctulatus</i> | 803506 | |
| <i>Anguilla anguilla</i> | 807103 | Sternoptychidae | 804915 | |
| Seasonal changes | | Stomiidae | | |
| Salmonidae | | <i>Stomias</i> | 806736 | |
| <i>Oncorhynchus</i> | 805349 | <i>Stomias boa</i> | 807517 | |
| Juvenile | | Lipid and fatty acid content | | |
| Salmonidae | | Myctophidae | 806525 | |
| <i>Oncorhynchus tshawytscha</i> | 807809 | Circadian rhythms | | |
| Dams and barriers | | Sciaenidae | | |
| Salmonidae | | <i>Pseudosciaena polyactis</i> | 804472 | |
| <i>Oncorhynchus tshawytscha</i> | 807809 | Clupeidae | | |
| Orientation and locomotion | | <i>Sardinia pilchardus</i> | 804980 | |
| Experimental analysis | | Gadidae | 804975 | |
| Salmonidae | | Merlucciidae | | |
| <i>Salmo clarki</i> | 807419 | <i>Merluccius</i> | 804975 | |
| Schooling | 807427 | Myctophidae | | |
| | | <i>Lampanyctus mexicanus</i> | 804276 | |
| Spatial orientation | | Salmonidae | | |
| Experimental analysis | | <i>Oncorhynchus nerka</i> | 807800 | |
| Serranidae | | Larva | | |
| <i>Morone chrysops</i> | 807479 | Clupeidae | | |
| Home range and homing | | <i>Clupea harengus</i> | 806784 | |
| Catostomidae | | Hydrostostics | | |
| <i>Catostomus catostomus</i> | 807422 | Clupeidae | | |
| Marking and tagging | | <i>Clupea harengus</i> | 807474 | |
| Scombridae | | Sound production | | |
| <i>Thunnus thynnus</i> | 808722 | Dasyatidae | | |
| Captive vs natural fishes | | <i>Dasyatis pastinaca</i> | 808753 | |
| Fry | | Rhincodontidae | | |
| Salmonidae | | <i>Rhincodon typus</i> | 806007 | |
| <i>Oncorhynchus masou</i> | 804953 | Squalidae | | |
| Computer analysis | | <i>Squalus acanthias</i> | 808753 | |
| Distribution within habitat | | Acipenseromorpha | | |
| Orientation and locomotion | 807856 | <i>Huso huso</i> | 808753 | |
| | 807856 | Teleostei | 806940 | |
| Marking and tagging | | Syngnathidae | 808753 | |
| Salmonidae | | <i>Syngnathus nigrolineatus</i> | | |
| <i>Oncorhynchus</i> | 807754 | Belontiidae | 805535 | |
| Calcium | | <i>Trichopsis vittatus</i> | 803810 | |
| Mineral content | | Blenniidae | | |
| Biochemistry | | <i>Blennius</i> | 805535 | |
| Salmonidae | | Labridae | | |
| <i>Salmo salar</i> | 808958 | <i>Crenilabrus griseus</i> | 805535 | |
| Neurosecretion | | <i>Crenilabrus tinca</i> | 805535 | |
| Thyroid stimulating hormone | | Carangidae | | |
| Acipenseromorpha | | <i>Trachurus trachurus</i> | 805535 | |
| <i>Acipenser gueldenstaedti</i> | 806292 | Cichlidae | 804217 | |
| Salmonidae | | <i>Tilapia</i> | 805670 | |
| <i>Oncorhynchus</i> | 806292 | Emmelichthyidae | | |
| <i>Salmo salar</i> | 806292 | <i>Maena smaris</i> | 805535 | |
| Anadromy | | Mullidae | | |
| Sciaenidae | | <i>Mullus barbatus</i> | 805535 | |
| <i>Cynoscion macdonaldi</i> | 806000 | Pomatomidae | | |
| Effect on fish | | <i>Pomatomus saltatrix</i> | 805535 | |
| Ovarian cycles | | Sciaenidae | | |
| Petromyzontomorpha | | <i>Corvina umbra</i> | 805535 | |
| Petromyzon marinus | 805966 | Serranidae | | |
| Testicular cycles | | <i>Epinephelus itajara</i> | 807245 | |
| Petromyzontomorpha | | <i>Serranus scriba</i> | 805535 | |
| Petromyzon marinus | 805966 | Sparidae | | |
| Catadromy | | <i>Sargus annularis</i> | 805535 | |
| Mugiloidae | 808631 | Theraponidae | | |
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| <i>Anguilla australis</i> | 804559 | <i>Therapon oxyrhynchus</i> | 807241 | |
| <i>Anguilla dieffenbachii</i> | 804559 | Scorpaenidae | | |
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| Exocoetidae | | <i>Amblyrhynchotes hypselogeneion</i> | 806781 | |
| <i>Cypselurus opisthopus</i> | 804120 | Atherinidae | | |
| Clupeidae | | <i>Atherina mochon</i> | 805535 | |
| Myctophidae | 806736 | Mochokidae | | |
| Gadidae | | <i>Synodontis notatus</i> | 803602 | |
| <i>Theragra chalcogramma</i> | 807667 | Salmonidae | | |
| Myctophidae | 807517 | <i>Salmo clarki</i> | 807865 | |
| | 809093 | Swimming | | |
| <i>Centrobranchus nigroocellatus</i> | 806935 | Aural sensitivity and acuity | | |
| <i>Goniichthys coccoi</i> | 806662 | Scombridae | | |
| Salmonidae | | <i>Euthynnus affinis</i> | 806346 | |
| <i>Oncorhynchus gorboscha</i> | 804218 | Warning display | | |
| <i>Oncorhynchus keta</i> | 804218 | Siluriformes | 804167 | |
| Astronesthidae | | Courtsip | | |
| <i>Astronesthes</i> | 806736 | Pomacentridae | | |
| <i>Astronesthes niger</i> | 806662 | <i>Pomacentrus partitus</i> | 806976 | |

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| Behavior (continued) | Sound analysis | | <i>Pelmatochromis thomasi</i> | 806487 |
| | Belontiidae | | <i>Pseudotropheus tropheops</i> | 806627 |
| Reproduction | <i>Trichopsis vittatus</i> | 803810 | | 803789 |
| | Labridae | | <i>Pseudotropheus zebra</i> | 808870 |
| | <i>Crenilabrus griseus</i> | 805535 | <i>Pterophyllum</i> | 805757 |
| | Carangidae | | <i>Symphysodon</i> | 804408 |
| | <i>Trachurus trachurus</i> | 805535 | | 805798 |
| | Emmelichthyidae | | | 803542 |
| | <i>Maena smaris</i> | 805535 | | 804265 |
| | Sciaenidae | | | 804499 |
| | <i>Corvina umbra</i> | 805535 | <i>Tilapia leucosticta</i> | 804266 |
| | Atherinidae | | Grammidae | |
| | <i>Atherina mochon</i> | 805535 | <i>Gramma hemichrysos</i> | 804268 |
| | Feeding | | Kyphosidae | |
| | Teleostei | 808359 | <i>Girella nigricans</i> | 808137 |
| | Reproduction | | Nandidae | |
| | Petromyzontomorpha | | <i>Polycentrus schomburgki</i> | 805832 |
| | <i>Geotria australis</i> | 804901 | Percidae | |
| | <i>Lampetra planeri</i> | 803559 | <i>Stizostedion canadense</i> | 806166 |
| | Rhinobatidae | | <i>Stizostedion lucioperca</i> | 805446 |
| | <i>Rhinobatos productus</i> | 808137 | <i>Stizostedion vitreum</i> | 807178 |
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| | Semionotomorpha | 804827 | <i>Amphiprion ephippium</i> | 805006 |
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| | Syngnathidae | | Sciaenidae | |
| | <i>Dunckerocampus</i> | 806596 | <i>Aplodinotus grunniens</i> | 806166 |
| | <i>Hippocampus kuda</i> | 803891 | | 808139 |
| | <i>Syngnathus pulchellus</i> | 803560 | Serranidae | |
| | <i>Syngnathus spicifer</i> | 805748 | <i>Morone chrysops</i> | 808139 |
| | | 805591 | Scombridae | |
| | Acanthuridae | 805748 | <i>Scomber japonicus</i> | 808143 |
| | Anabantidae | 805679 | Sphyracnoidae | |
| | <i>Ctenopoma fasciolatum</i> | 803948 | <i>Sphyracna argentea</i> | 807190 |
| | Badidae | | Cottidae | |
| | <i>Badis badis</i> | 805845 | <i>Scorpaenichthys marmoratus</i> | 807190 |
| | Belontiidae | | Scorpaenidae | |
| | <i>Colisa chuna</i> | 803994 | <i>Scorpaena guttata</i> | 807190 |
| | | 803995 | <i>Sebastes</i> | 807190 |
| | <i>Ctenops vittatus</i> | 803637 | Atherinidae | |
| | <i>Macropodus cupanus</i> | 803889 | <i>Atherina boyeri</i> | 806418 |
| | <i>Malpudluta kreiseri</i> | 805829 | <i>Leuresthes tenuis</i> | 808707 |
| | <i>Trichogaster leeri</i> | 805850 | Melanotaeniidae | |
| | <i>Trichogaster microlepis</i> | 804178 | <i>Melanotaenia maculloschi</i> | 805772 |
| | <i>Trichogaster trichopterus</i> | 805847 | <i>Pseudomugil signifer</i> | 803533 |
| | <i>Trichopsis schalleri</i> | 804500 | <i>Telmatherina ladiges</i> | 803636 |
| | Gobiidae | 805742 | Cyprinodontidae | |
| | <i>Brachygnathus xanthozonus</i> | 805769 | <i>Aphyosemion</i> | 808259 |
| | <i>Gobiomorphus basalis</i> | 804901 | <i>Aphyosemion bivittatum</i> | 804503 |
| | <i>Gobiomorphus huttoni</i> | 804901 | | 805584 |
| | <i>Phlypsnodon breviceps</i> | 804901 | <i>Aphyosemion bualanum</i> | 808261 |
| | <i>Typhlogobius californiensis</i> | 808137 | <i>Aphyosemion coeruleum</i> | 806490 |
| | Labridae | 806486 | <i>Aphyosemion exiguum</i> | 808261 |
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| | <i>Chanda ranga</i> | 804865 | | 804151 |
| | <i>Gymnochanda filamentosa</i> | 803663 | | 804743 |
| | Cichlidae | 804217 | <i>Chriopeoides pengelleyi</i> | 805597 |
| | <i>Aequidens awani</i> | 803791 | <i>Cynolebias nigripinnis</i> | 808269 |
| | <i>Aequidens curviceps</i> | 805007 | | 803703 |
| | <i>Aequidens itanyi</i> | 805826 | <i>Cynolebias whitei</i> | 803887 |
| | <i>Aequidens latifrons</i> | 803564 | <i>Nothobranchius</i> | 805595 |
| | <i>Aequidens portalegrensis</i> | 804179 | <i>Nothobranchius guentheri</i> | 805010 |
| | <i>Apistogramma agassizi</i> | 805789 | <i>Nothobranchius kirkii</i> | 808262 |
| | <i>Apistogramma ramirezi</i> | 804772 | <i>Nothobranchius palmquisti</i> | 803680 |
| | | 804176 | | 807076 |
| | <i>Apistogramma reitzigi</i> | 805833 | | 803551 |
| | <i>Apistogramma wickleri</i> | 804575 | <i>Rivulus beniensis</i> | 803851 |
| | <i>Astronotus ocellatus</i> | 803821 | <i>Rivulus miledi</i> | 806670 |
| | <i>Boulengerochromis microlepis</i> | 803922 | | 803534 |
| | <i>Cichlasoma biocellatum</i> | 804431 | Horacichthyidae | |
| | <i>Cichlasoma meeki</i> | 804844 | <i>Horacichthys setnai</i> | 805751 |
| | <i>Cichlasoma nigrofasciatum</i> | 805590 | Oryziatidae | |
| | <i>Crenicichla lepidota</i> | 804255 | <i>Oryzias javanicus</i> | 804679 |
| | <i>Cyathochromis obliquidens</i> | 804851 | <i>Oryzias minutillus</i> | 808267 |
| | <i>Geophagus jurupari</i> | 804742 | Poeciliidae | |
| | <i>Hemichromis fasciatus</i> | 805037 | <i>Xiphophorus</i> | 803507 |
| | <i>Heterotilapia multispinosa</i> | 803849 | Exocoetidae | |
| | <i>Labetotropheus trewasae</i> | 805791 | <i>Cypselurus opisthopus</i> | 804120 |
| | <i>Lamprologus congolensis</i> | 805786 | <i>Dermogenys pusillus</i> | 804256 |
| | <i>Melanochromis</i> | 804741 | Scomberesocidae | |
| | <i>Nannochromis nudipectus</i> | 803635 | <i>Scomberesox saurus</i> | 805336 |
| | <i>Pelmatochromis annectens</i> | 805037 | | 805337 |
| | | 805835 | Clupeidae | |
| | | 803604 | <i>Brevoortia tyrannus</i> | 805075 |
| | | 805596 | <i>Dorosoma cepedianum</i> | 808139 |
| | | 805836 | <i>Dorosoma petenense</i> | 808139 |
| | <i>Pelmatochromis aurocephalus</i> | 803508 | Engraulidae | |
| | <i>Pelmatochromis guentheri</i> | 804650 | <i>Cetengraulis mysticetus</i> | 808646 |
| | | | <i>Engraulis mordax</i> | 808313 |

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|---------------------------------------|--------|-------------------------------------|--------|--------------|
| Characidae | | Adenohypophysis | | Behavior |
| <i>Copeina guttata</i> | 803543 | Experimental analysis | | (continued) |
| | 805583 | Petromyzontomorpha | 806303 | |
| <i>Corynopoma riisei</i> | 803926 | Prolactin cell | | |
| <i>Gymnocorymbus ternetzi</i> | 803850 | Anguillidae | | |
| <i>Hyphessobrycon herbertaxelrodi</i> | 803833 | <i>Anguilla anguilla</i> | 806285 | Reproduction |
| <i>Hyphessobrycon innesi</i> | 803884 | Salmonidae | | |
| <i>Megalampodus megalopterus</i> | 804576 | <i>Oncorhynchus</i> | 806285 | |
| <i>Metynnis schreitmueelleri</i> | 803790 | <i>Salmo salar</i> | 806285 | |
| | 803911 | Prolactin | | |
| <i>Nematobrycon palmeri</i> | 803502 | Myximomorpha | 806286 | |
| <i>Poeciliocharax weitzmani</i> | 803681 | Petromyzontomorpha | 806286 | |
| <i>Serrasalmus</i> | 806598 | Elasmobranchii | 806286 | |
| <i>Serrasalmus rhombeus</i> | 805743 | Teleostei | 806286 | |
| Gasteropelecidae | 805873 | Viviparity | | |
| Hemiodontidae | 806090 | Seasonal changes | | |
| <i>Nannostomus beckfordi</i> | | Poeciliidae | | |
| Lebiasinidae | 805841 | <i>Gambusia affinis</i> | 807179 | |
| <i>Poeciliobrycon eques</i> | 803638 | Sexual dimorphism | | |
| | 803660 | Cichlidae | | |
| Cobitidae | | <i>Tilapia</i> | 804623 | |
| <i>Acanthopthalmus semicinctus</i> | 803562 | Intertidal zone | | |
| <i>Cobitis aurata</i> | 807686 | Teleostei | 806057 | |
| Cyprinidae | 806041 | Lotic waters | | |
| | 808617 | Teleostei | 807434 | |
| <i>Barbus nigrofasciatus</i> | 803608 | Temperature | | |
| | 803920 | Habitat preference | | |
| <i>Brachydanio</i> | 804409 | Esocidae | | |
| <i>Brachydanio albolineatus</i> | 807119 | <i>Esox lucius</i> | 808025 | |
| <i>Brachydanio frankei</i> | 804168 | Geographic distribution | | |
| <i>Carassius auratus</i> | 803893 | Xiphidae | | |
| | 805740 | <i>Xiphias gladius</i> | 807919 | |
| <i>Laheo frenatus</i> | 803892 | Distribution | | |
| <i>Notropis</i> | 808619 | Elasmobranchii | 807756 | |
| <i>Notropis lutrensis</i> | 808139 | Teleostei | 807756 | |
| <i>Notropis venustus</i> | 808139 | Habitat preference | | |
| <i>Ptychocheilus oregonensis</i> | 806400 | Percidae | | |
| <i>Rasbora hengeli</i> | 805848 | <i>Percina notogramma</i> | 807600 | |
| <i>Rasbora heteromorpha</i> | 805848 | <i>Percina peltata</i> | 807600 | |
| <i>Rasbora kalochroma</i> | 804264 | Pleuronectidae | | |
| <i>Rasbora maculata</i> | 804018 | <i>Reinhardtius hippoglossoides</i> | 805083 | |
| <i>Rasbora urophthalma</i> | 804018 | Cyprinidae | | |
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| <i>Tanichthys albonubes</i> | 804409 | <i>Rutilus frisi</i> | 807742 | |
| | 805011 | Effects of experience | | |
| Bagridae | | Cichlidae | | |
| <i>Myrist vittatus</i> | 805846 | <i>Etroplus maculatus</i> | 805107 | |
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| <i>Corydoras schultzei</i> | 805827 | Sex recognition | | |
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| <i>Noturus funebris</i> | 807152 | <i>Gasterosteus aculeatus</i> | 806147 | |
| <i>Noturus miurus</i> | 807152 | Belontiidae | | |
| <i>Noturus stigmus</i> | 807152 | <i>Colisa labiosa</i> | 806371 | |
| Loricariidae | | <i>Colisa lalia</i> | 806371 | |
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| <i>Xenocara</i> | 804057 | <i>Periophthalmus koelreuteri</i> | 806370 | |
| <i>Xenocara dolichoptera</i> | 805852 | Cyprinodontidae | | |
| Pantodontidae | | <i>Cyprinodon elegans</i> | 804947 | |
| <i>Pantodon buchholzi</i> | 804528 | Androgens | | |
| | 804846 | Experimental analysis | | |
| Amblyopsidae | | Teleostei | 809079 | |
| <i>Amblyopsis</i> | 808771 | Pheromones | | |
| <i>Chologaster cornuta</i> | 808771 | Experimental analysis | | |
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| <i>Galaxias maculatus</i> | 804901 | <i>Poecilia reticulata</i> | 805045 | |
| <i>Galaxias vulgaris</i> | 804901 | Courtship | | |
| <i>Neochanna apoda</i> | 804508 | Gasterosteidae | | |
| Retropinnidae | 804901 | <i>Gasterosteus wheatlandi</i> | 807473 | |
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| <i>Osmerus mordax</i> | 808647 | <i>Ctenopoma muriei</i> | 808979 | |
| Salmonidae | 806035 | Blenniidae | 806057 | |
| <i>Coregonus peled</i> | 808241 | <i>Hypsoblennius</i> | 803625 | |
| <i>Oncorhynchus masou</i> | 807116 | <i>Coryphopterus nicholsi</i> | 807188 | |
| <i>Oncorhynchus nerka</i> | 806617 | <i>Periophthalmus chrysospilos</i> | 809057 | |
| Descriptive evolution | | <i>Periophthalmus koelreuteri</i> | 806370 | |
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| Polypteromorpha | 807013 | Cichlidae | | |
| Teleostei | 807013 | <i>Etroplus maculatus</i> | 805107 | |
| Salmonidae | | <i>Haplochromis burtoni</i> | 808816 | |
| <i>Salmo salar</i> | 806028 | <i>Pseudotropheus auratus</i> | 806134 | |
| Adaptation | | <i>Pseudotropheus zebra</i> | 806134 | |
| Temperature | | <i>Tilapia</i> | 804920 | |
| Pleuronectidae | | <i>Tilapia galilaea</i> | 808822 | |
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| Salinity | | <i>Tilapia tholloni</i> | 805862 | |
| Pleuronectidae | | <i>Tilapia variabilis</i> | 808823 | |
| <i>Platichthys flesus</i> | 807769 | <i>Tilapia zilli</i> | 803917 | |
| Neuroendocrine environment reaction | | | 808825 | |
| Teleostei | 807290 | <i>Tropheus moorei</i> | 805415 | |

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| Behavior (continued) | Luftjanidae | | <i>Tilapia variabilis</i> | 804920 |
| | <i>Luftjanus synagris</i> | 806004 | | 808842 |
| | Percidae | | <i>Tilapia zilli</i> | 803917 |
| Reproduction | <i>Etheostoma variatum</i> | 804100 | <i>Tropheus moorei</i> | 808826 |
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| | <i>Abudefduf saxatilis</i> | 806977 | <i>Luftjanus synagris</i> | 806004 |
| | Balistidae | 806976 | Percidae | |
| | <i>Melichthys niger</i> | 805996 | <i>Etheostoma variatum</i> | 804100 |
| | Cyprinodontidae | | <i>Perca flavescens</i> | 807637 |
| | <i>Cyprinodon atrorus</i> | 805725 | <i>Percina notogramma</i> | 807600 |
| | <i>Epiplatys bifasciatus</i> | 808275 | Pomacentridae | 804919 |
| | <i>Fundulus similis</i> | 803947 | <i>Abudefduf saxatilis</i> | 806976 |
| | Poeciliidae | | Sparidae | |
| | <i>Poecilia</i> | 806142 | <i>Mylio macrocephalus</i> | 805620 |
| | <i>Poecilia reticulata</i> | 805454 | <i>Pagrus major</i> | 805620 |
| | Congridae | | Pleuronectiformes | 804972 |
| | <i>Gorgia sillneri</i> | 804854 | Cottidae | |
| | Cyprinidae | | <i>Myoxocephalus quadricornis</i> | 806258 |
| | <i>Pychocheilus oregonensis</i> | 807786 | Cyprinodontidae | |
| | Mormyridae | | <i>Cyprinodon atrorus</i> | 805725 |
| | <i>Gnathonemus longibarbis</i> | 808972 | <i>Cyprinodon elegans</i> | 804947 |
| | <i>Gnathonemus victoriae</i> | 808972 | <i>Epiplatys bifasciatus</i> | 808275 |
| | <i>Marcusenius grahami</i> | 808972 | <i>Fundulus kansae</i> | 807834 |
| | Batrachoidiformes | | <i>Fundulus similis</i> | 803947 |
| | <i>Porthys notatus</i> | 807188 | Poeciliidae | |
| | Experimental analysis | | <i>Girardinus falcatus</i> | 803859 |
| | Oryziatidae | | <i>Poecilia</i> | 806142 |
| | <i>Oryzias latipes</i> | 804260 | <i>Poecilia latipinna</i> | 805753 |
| | Coloration | | Congridae | |
| | Experimental analysis | | <i>Gorgia sillneri</i> | 804854 |
| | Cichlidae | | Catostomidae | |
| | <i>Tilapia melanotheron</i> | 806281 | <i>Moxostoma carinatum</i> | 804165 |
| | Gonadotropin | | Cyprinidae | |
| | Experimental analysis | | <i>Barbus titteya</i> | 806059 |
| | Teleostei | 809079 | <i>Catla catla</i> | 805197 |
| | Androgens | | <i>Cirrhina mrigala</i> | 805197 |
| | Experimental analysis | | | 805607 |
| | Teleostei | 809079 | <i>Cyprinus carpio</i> | 807749 |
| | Seasonal sexual coloration | | <i>Labeo rohita</i> | 805197 |
| | Experimental analysis | | | 805607 |
| | Gasterosteidae | | <i>Pychocheilus oregonensis</i> | 807786 |
| | <i>Gasterosteus aculeatus</i> | 807543 | Callichthyidae | |
| | Inheritance | | <i>Corydoras paleatus</i> | 805414 |
| | Sex chromosomes | | Heteropneustidae | |
| | Oryziatidae | | <i>Heteropneustes fossilis</i> | 804903 |
| | <i>Oryzias latipes</i> | 806247 | Gadidae | 804975 |
| | Geographic variation | | Salmonidae | |
| | Gasterosteidae | | <i>Oncorhynchus nerka</i> | 806018 |
| | <i>Culaea inconstans</i> | 804880 | <i>Salmo gairdneri</i> | 806019 |
| | Experimental analysis | | <i>Salvelinus namaycush</i> | 808528 |
| | Gasterosteidae | | <i>Stenodus leucichthys</i> | 806835 |
| | <i>Gasterosteus aculeatus</i> | 807543 | Experimental analysis | |
| | Pheromones | | Atherinidae | |
| | Experimental analysis | | <i>Leuresthes tenuis</i> | 804785 |
| | Blenniidae | | Oryziatidae | |
| | <i>Hypsoblennius</i> | 808756 | <i>Oryzias latipes</i> | 804260 |
| | Visual signals | | Neuroendocrine substances | |
| | Cichlidae | | Experimental analysis | |
| | <i>Haplochromis burtoni</i> | 808501 | Teleostei | 809079 |
| | Characidae | | Adenohypophysis | |
| | <i>Corynopoma riisei</i> | 808501 | Experimental analysis | |
| | Relative size | | Cyprinidae | |
| | Aggressive behavior | | <i>Crassius auratus</i> | 807290 |
| | Experimental analysis | | Gonadotropin | |
| | Cichlidae | | Experimental analysis | |
| | <i>Etroplus maculatus</i> | 809014 | Poeciliidae | |
| | Mating | | <i>Poecilia reticulata</i> | 804487 |
| | Petromyzontomorphs | | Estrogens | |
| | <i>Lampetra richardsoni</i> | 807550 | Experimental analysis | |
| | Gasterosteidae | | Teleostei | 809079 |
| | <i>Culaea inconstans</i> | 804880 | Poeciliidae | |
| | <i>Gasterosteus wheatlandi</i> | 807473 | <i>Poecilia reticulata</i> | 804487 |
| | Syngnathidae | | Androgens | |
| | <i>Syngnathus scovelli</i> | 807017 | Experimental analysis | |
| | Anabantidae | | Teleostei | 809079 |
| | <i>Ctenopoma damasi</i> | 808979 | Oryziatidae | |
| | <i>Ctenopoma muriei</i> | 808979 | <i>Oryzias latipes</i> | 804345 |
| | Centrarchidae | | Sex chromosomes | |
| | <i>Lepomis macrochirus</i> | 804762 | Experimental analysis | |
| | Cichlidae | | Oryziatidae | |
| | <i>Haplochromis burtoni</i> | 805021 | <i>Oryzias latipes</i> | 804345 |
| | <i>Pseudotropheus auratus</i> | 808816 | Activity patterns | |
| | <i>Pseudotropheus zebra</i> | 806134 | Poeciliidae | |
| | <i>Tilapia</i> | 806134 | <i>Gambusia affinis</i> | 804946 |
| | <i>Tilapia galilaea</i> | 804920 | Habitat preference | |
| | <i>Tilapia guineensis</i> | 808824 | Cyprinidae | |
| | <i>Tilapia macrochir</i> | 808832 | <i>Clinostomus funduloides</i> | 806871 |
| | | 805021 | <i>Notropis cornutus</i> | 806871 |
| | | 808828 | <i>Notropis rubellus</i> | 806871 |
| | <i>Tilapia multifasciata</i> | 808837 | Anesthetics | |
| | | 808838 | Experimental analysis | |
| | <i>Tilapia tholloni</i> | 805862 | Poeciliidae | |
| | | | <i>Poecilia reticulata</i> | 808562 |

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|-----------------------------------|--------|-----------------------------------|--------|--------------|
| egg laying | | Substratum | | Behavior |
| Scyliorhinidae | 808962 | Salmonidae | | (continued) |
| <i>Parmaturus xanthurus</i> | 807206 | <i>Oncorhynchus gorbuscha</i> | 807729 | |
| <i>Scyliorhinus stellaris</i> | 805475 | <i>Oncorhynchus keta</i> | 807669 | |
| Gobiidae | | | 807729 | |
| <i>Gobius niger</i> | 805128 | Experimental analysis | | Reproduction |
| <i>Periophthalmus</i> | 809057 | Centrarchidae | | |
| Percidae | 806308 | <i>Lepomis macrochirus</i> | 804762 | |
| <i>Perca flavescens</i> | 807637 | Bacteria | | |
| <i>Perca fluviatilis</i> | 804420 | Biochemistry | | |
| <i>Stizostedion canadense</i> | 804525 | Belontiidae | | |
| Hexagrammidae | | <i>Betta splendens</i> | 807132 | |
| <i>Oxyelebias pictus</i> | 807188 | Function | | |
| Oryziatidae | | Belontiidae | | |
| <i>Oryzias latipes</i> | 804260 | <i>Betta splendens</i> | 807132 | |
| Clupeidae | | Habitat preference | | |
| <i>Brevoortia patronus</i> | 807016 | Pomacentridae | | |
| <i>Clupea harengus</i> | 805981 | <i>Abudefduf saxatilis</i> | 804919 | |
| | 806555 | <i>Abudefduf taurus</i> | 804919 | |
| Cyprinidae | 806041 | Effects of isolation | | |
| <i>Cyprinus carpio</i> | 806308 | Experimental analysis | | |
| <i>Labeo gonius</i> | 806180 | Gasterosteidae | | |
| <i>Leuciscus leuciscus</i> | 805972 | <i>Gasterosteus aculeatus</i> | 806146 | |
| <i>Vimba vimba</i> | 808249 | Parental care of eggs | | |
| Callichthyidae | | Teleostei | 809081 | |
| <i>Corydoras paleatus</i> | 805414 | Syngnathidae | | |
| Salmonidae | | <i>Syngnathus scovelli</i> | 807017 | |
| <i>Salvelinus fontinalis</i> | 807836 | Anabantidae | | |
| Experimental analysis | | <i>Ctenopoma damasi</i> | 808979 | |
| Cichlidae | | Belontiidae | | |
| <i>Cichlasoma nigrofasciatum</i> | 806915 | <i>Macropodus opercularis</i> | 805412 | |
| Habitat preference | | Anarichadidae | | |
| Clupeidae | | <i>Anarrhichthys ocellatus</i> | 806045 | |
| <i>Clupea harengus</i> | 808916 | Blenniidae | 806057 | |
| Marking and tagging | | Gobiidae | | |
| Experimental analysis | | <i>Coryphopterus nicholsi</i> | 807188 | |
| Salmonidae | | <i>Gobius niger</i> | 805128 | |
| <i>Oncorhynchus keta</i> | 808487 | Nototheniidae | | |
| Art construction | | <i>Notothenia cornucola</i> | 804902 | |
| Leptomyzontomorpha | | Centrarchidae | | |
| <i>Lamprolaima richardsoni</i> | 807550 | <i>Lepomis macrochirus</i> | 804762 | |
| Gasterosteidae | | Cichlidae | | |
| <i>Gasterosteus wheatlandi</i> | 807473 | <i>Cichlasoma festivum</i> | 804217 | |
| Anabantidae | | <i>Hemichromis fasciatus</i> | 808869 | |
| <i>Ctenopoma damasi</i> | 808979 | <i>Tilapia</i> | 804920 | |
| Gobiidae | | <i>Tilapia guineensis</i> | 808827 | |
| <i>Boleophthalmus dussumieri</i> | 806721 | <i>Tilapia mariae</i> | 808833 | |
| <i>Periophthalmus</i> | 809057 | <i>Tilapia zilli</i> | 803917 | |
| Centrarchidae | | | 808829 | |
| <i>Lepomis macrochirus</i> | 805140 | | 808869 | |
| Cichlidae | | Pomacentridae | 804919 | |
| <i>Haplochromis burtoni</i> | 808816 | <i>Pomacentrus jenkinsi</i> | 805106 | |
| <i>Tilapia mossambica</i> | 804049 | Serranidae | | |
| | 806116 | <i>Percilia gillissi</i> | 804622 | |
| <i>Tilapia mossambica X</i> | | Cottidae | | |
| <i>Tilapia hornorum X</i> | 806125 | <i>Myoxocephalus quadricornis</i> | 806258 | |
| <i>Tilapia variabilis</i> | 808823 | Cyprinidae | | |
| Emmelichthyidae | | <i>Barbus titteya</i> | 806059 | |
| <i>Maena smarini</i> | 807657 | Ictaluridae | | |
| Pomacentridae | 806977 | <i>Noturus miurus</i> | 807152 | |
| Otoidae | | <i>Noturus stigmosus</i> | 807152 | |
| <i>Myoxocephalus quadricornis</i> | 806258 | Biochemistry | | |
| Atostomidae | | Bacteria | | |
| <i>Moostoma carinatum</i> | 804165 | Belontiidae | | |
| Malapteruridae | | <i>Betta splendens</i> | 807132 | |
| <i>Malapterurus electricus</i> | 804806 | Fungi | | |
| <i>Malapterurus microstoma</i> | 804806 | Belontiidae | | |
| Formyridae | | <i>Betta splendens</i> | 807132 | |
| <i>Marcusenius grahami</i> | 808972 | Experimental analysis | | |
| <i>Petrocephalus catostoma</i> | 808972 | Cichlidae | | |
| Almonidae | | <i>Tilapia mariae</i> | 804623 | |
| <i>Oncorhynchus gorbuscha</i> | 806644 | Pomacentridae | | |
| <i>Oncorhynchus keta</i> | 806644 | <i>Abudefduf saxatilis</i> | 806976 | |
| <i>Oncorhynchus nerka</i> | 806018 | Proctactin | | |
| <i>Salmo gairdneri</i> | 806019 | Experimental analysis | | |
| <i>Salvelinus fontinalis</i> | 807836 | Teleostei | 809072 | |
| Experimental analysis | | | 809079 | |
| Cichlidae | | Androgens | | |
| <i>Tilapia mariae</i> | 804623 | Experimental analysis | | |
| Conadotropin | | Teleostei | 809079 | |
| Experimental analysis | | Egg size | | |
| Teleostei | 809079 | Experimental analysis | | |
| Proctactin | | Cichlidae | | |
| Experimental analysis | | <i>Cichlasoma nigrofasciatum</i> | 806915 | |
| Teleostei | 809079 | Fixed action patterns | | |
| Androgens | | Blenniidae | | |
| Experimental analysis | | <i>Hypoblennius</i> | 803625 | |
| Teleostei | 809079 | Effects of experience | | |
| | | Experimental analysis | | |
| Centrarchidae | | Cichlidae | | |
| <i>Lepomis gibbosus</i> | 806248 | <i>Cichlasoma nigrofasciatum</i> | 806915 | |
| <i>Lepomis megalotis</i> | 806248 | Egg stealing | | |
| | | Gasterosteidae | | |
| | | <i>Gasterosteus wheatlandi</i> | 807473 | |

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|-------------------------|-------------------------------------|--------|--|------------------------------------|--------|
| Behavior (continued) | Oral brooding | | | Conditioned autonomic responses | |
| | Cichlidae | | | Aural sensitivity and acuity | |
| Behavior in experiments | <i>Geophagus jurupari</i> | 803849 | | Salmonidae | |
| | | 804217 | | <i>Salmo clarki</i> | 807865 |
| | <i>Haplochromis burtoni</i> | 808806 | | Avoidance conditioning | |
| | | 808840 | | Characidae | |
| | <i>Haplochromis erythrocephalus</i> | 806149 | | <i>Aspianax jordani</i> | 806887 |
| | <i>Haplochromis piceatus</i> | 806149 | | <i>Aspianax mexicanus</i> | 806887 |
| | <i>Hemihaplochromis multicolor</i> | 804708 | | Telencephalon | |
| | | 808830 | | Experimental analysis | |
| | <i>Pseudotropheus auratus</i> | 804284 | | Cyprinidae | |
| | | 806134 | | <i>Carassius auratus</i> | 806186 |
| | <i>Pseudotropheus fuscus</i> | 806134 | | | 806249 |
| | <i>Pseudotropheus tropheops</i> | 804284 | | | 806276 |
| | | 808828 | | | 809091 |
| | <i>Pseudotropheus zebra</i> | 806134 | | Brain injury | |
| | <i>Tilapia galilaea</i> | 808834 | | Cichlidae | |
| | | 808844 | | <i>Tilapia melanotheron</i> | 809017 |
| | <i>Tilapia leuocosticta</i> | 804266 | | Cyprinidae | |
| | <i>Tilapia macrochir</i> | 808828 | | <i>Carassius auratus</i> | 806186 |
| | <i>Tilapia mossambica</i> | 806136 | | | 809018 |
| | | 807700 | | Metencephalon | |
| | <i>Tilapia multifasciata</i> | 808838 | | Brain injury | |
| | | 808839 | | Cichlidae | |
| | <i>Tilapia nilotica</i> | 808839 | | <i>Tilapia melanotheron</i> | 809017 |
| | | 808835 | | Displacement detection | |
| | <i>Tilapia thosani</i> | 808842 | | Lateral line | |
| | <i>Tilapia zambies</i> | 808834 | | Cyprinidae | |
| | | 808836 | | <i>Carassius auratus</i> | 807040 |
| | | 808842 | | Aural sensitivity and acuity | |
| | <i>Tropheus moorii</i> | 808413 | | Ichthyofauna | |
| Behavior in experiments | <i>Arius heudeloti</i> | 804852 | | <i>Ichthyofauna</i> | 804866 |
| | <i>Osteoglossidae</i> | 808903 | | Partial reinforcement conditioning | |
| | <i>Scleropages leichardti</i> | 808903 | | Cyprinidae | |
| | Experimental analysis | | | <i>Carassius auratus</i> | 804577 |
| | Cichlidae | 806802 | | Extinction of conditioned response | |
| | <i>Tilapia nilotica</i> | 806802 | | Cyprinidae | |
| | | | | <i>Carassius auratus</i> | 804577 |
| | Descriptive evolution | | | Brain injury | |
| | Cichlidae | | | Telencephalon | |
| | <i>Tilapia galilaea</i> | 804411 | | Cichlidae | |
| | <i>Tilapia melanotheron</i> | 804411 | | <i>Tilapia melanotheron</i> | 809028 |
| | Sexual dimorphism | | | Metencephalon | |
| | Descriptive evolution | | | Cichlidae | |
| | Cichlidae | | | <i>Tilapia melanotheron</i> | 809028 |
| | <i>Tilapia</i> | 804402 | | Effects of experience | |
| | <i>Tilapia</i> | 806106 | | Experimental analysis | |
| | <i>Tilapia</i> | 806106 | | Cyprinidae | |
| | <i>Tilapia</i> | 806106 | | <i>Carassius auratus</i> | 808323 |
| | <i>Tilapia</i> | 806106 | | | 808324 |
| | Parental care of young | | | Instrumental conditioning | |
| | <i>Gasterosteus</i> | 807477 | | Carcharhinidae | |
| | <i>Gasterosteus wheatlandi</i> | 807477 | | <i>Nagapion brevirostris</i> | 807208 |
| | Belontiidae | 808412 | | Centrarchidae | |
| | <i>Macropodus opercularis</i> | 808412 | | <i>Micropterus salmoides</i> | 806527 |
| | Centrarchidae | | | Cichlidae | |
| | <i>Lepomis macrochirus</i> | 804701 | | <i>Tilapia melanotheron</i> | 806545 |
| | Cichlidae | | | Kyprinidae | |
| | <i>Cichlasoma biocellatum</i> | 804444 | | <i>Monacanthus tomentosus</i> | 806669 |
| | <i>Cichlasoma festivum</i> | 804444 | | <i>Oreogaster</i> | |
| | <i>Etioplos maculatus</i> | 806144 | | <i>Oreogaster fasciatus</i> | 806669 |
| | <i>Pseudotropheus auratus</i> | 806144 | | Scombridae | |
| | <i>Pseudotropheus zebra</i> | 806144 | | <i>Euthynnus affinis</i> | 806312 |
| | <i>Tilapia</i> | 806144 | | | 806346 |
| | <i>Tilapia guineensis</i> | 806144 | | <i>Euthynnus pelamis</i> | 806312 |
| | <i>Tilapia mariae</i> | 806144 | | <i>Thunnus albacares</i> | 806312 |
| | <i>Tilapia sparrmanii</i> | 806144 | | Cyprinidae | |
| | <i>Tilapia zilli</i> | 806144 | | <i>Carassius auratus</i> | 807330 |
| Behavior in experiments | | 806144 | | | 807332 |
| | Biochemistry | | | | 806545 |
| | Bacteria | | | | 806622 |
| | Belontiidae | | | | 806940 |
| | <i>Betta splendens</i> | 807332 | | | 807332 |

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|--------------------------------------|--------|------------------------------------|--------|-------------------------|
| Sound reception | | Brain injury | | Behavior |
| Salmonidae | | Cyprinidae | | (continued) |
| Salmo gairdneri | 808544 | Carassius auratus | 808330 | |
| Electrical sensitivity | | Maze learning | | |
| Ictaluridae | | Cyprinidae | | |
| Ictalurus nebulosus | 805058 | Carassius auratus | 805837 | Behavior in experiments |
| Chemical senses | | Group behavior | | |
| Gasterosteidae | | Experimental analysis | | |
| Gasterosteus aculeatus | 808412 | Cyprinidae | | |
| Characidae | | Barbus conchoniis | 808163 | |
| Astyanax jordani | 808412 | Carassius auratus | 808163 | |
| Hemigrammus caudovittatus | 808412 | Detour learning | | |
| Cyprinidae | | Experimental analysis | | |
| Phoxinus phoxinus | 808412 | Cyprinidae | | |
| Shape discrimination | | Carassius auratus | 807763 | |
| Stimulus generalization | | Carassius carassius | 807763 | |
| Cichlidae | | Cyprinus carpio | 807763 | |
| Astronotus ocellatus | 806246 | Multiple choice testing | | |
| Water pressure | | Color variety | | |
| Sensitivity to mechanical stimuli | | Species recognition | | |
| Belontiidae | | Poeciliidae | | |
| Macropodus opercularis | 807737 | Xiphophorus helleri | 808326 | |
| Chemical brain treatment | | Xiphophorus maculatus | 808326 | |
| Experimental analysis | | Electroreception organs | | |
| Belontiidae | | Apteronotidae | | |
| Betta splendens | 806526 | Apteronotus albifrons | 804511 | |
| Appetitive and consummatory behavior | | Chemical senses | | |
| Experimental analysis | | Gobiesociformes | | |
| Teleostei | 808329 | Dellichthys morelandi | 804277 | |
| Visual signals | | Partial reinforcement conditioning | | |
| Cyprinidae | | Extinction of conditioned response | | |
| Phoxinus phoxinus | 803651 | Carassius auratus | 808327 | |
| Aural signals | | Effects of isolation | | |
| Cyprinidae | | Species recognition | | |
| Phoxinus phoxinus | 803651 | Multiple choice testing | | |
| Memory mechanisms | | Poeciliidae | | |
| Biochemistry | | Xiphophorus helleri | 808326 | |
| Cyprinidae | | Xiphophorus maculatus | 808326 | |
| Carassius auratus | 804939 | Mating | | |
| Operant conditioning | | Aggressive behavior | | |
| Aggressive behavior | | Poeciliidae | | |
| Experimental analysis | | Poecilia latipinna | 806142 | |
| Belontiidae | | Poecilia velifera | 806142 | |
| Betta splendens | 808322 | Nervous system interference | | |
| Aggressive display | | Teleostei | 806620 | |
| Behavioral habituation | | Spinal cord injury | | |
| Belontiidae | | Effect on fish | | |
| Betta splendens | 808320 | Galvanotaxis | | |
| Partial reinforcement conditioning | | Anguillidae | | |
| Cyprinidae | | Anguilla anguilla | 807931 | |
| Carassius auratus | 804288 | Color change | | |
| Multiple choice testing | | Experimental analysis | | |
| Experimental analysis | | Cyprinidae | | |
| Cyprinidae | | Phoxinus phoxinus | 803828 | |
| Carassius auratus | 808327 | Effect on fish | | |
| Reversal learning | | Cyprinidae | | |
| Cichlidae | | Phoxinus phoxinus | 803725 | |
| Tilapia melanotheron | 806544 | Regeneration | | |
| | 806545 | Cyprinidae | | |
| Cyprinidae | | Carassius auratus | 804347 | |
| Carassius auratus | 806544 | Ultrastructure | | |
| | 806622 | Cyprinidae | | |
| Brain | | Carassius auratus | 804371 | |
| Experimental analysis | | Experimental analysis | | |
| Cichlidae | | Cyprinidae | | |
| Tilapia melanotheron | 808760 | Carassius auratus | 804371 | |
| Embryo transplantation | | Nerve transection | | |
| Cichlidae | | Effect on fish | | |
| Tilapia melanotheron | 808760 | Olfactory nerve | | |
| Instrumental conditioning | | Muraenidae | 804349 | |
| Experimental analysis | | Color change | | |
| Cichlidae | | Effect on fish | | |
| Astronotus ocellatus | 808321 | Cyprinidae | | |
| Behavioral probability matching | | Phoxinus phoxinus | 803725 | |
| Cichlidae | | Electric brain stimulation | | |
| Tilapia melanotheron | 806544 | Feeding | | |
| | 806545 | Centrarchidae | | |
| Cyprinidae | | Lepomis macrochirus | 804337 | |
| Carassius auratus | 806544 | Self protection | | |
| Extinction of conditioned response | | Centrarchidae | | |
| Cyprinidae | | Lepomis macrochirus | 804337 | |
| Carassius auratus | 804288 | Nest construction | | |
| Experimental analysis | | Centrarchidae | | |
| Cyprinidae | | Lepomis macrochirus | 804337 | |
| Carassius auratus | 804577 | Chemical brain treatment | | |
| Partial reinforcement conditioning | | Oxotremorine | | |
| Experimental analysis | | Poeciliidae | | |
| Cyprinidae | | Molliesia | 804904 | |
| Carassius auratus | 808327 | Psychedelic drug treatment | | |
| Sensory discrimination | | Poeciliidae | | |
| Telencephalon | | Molliesia | 804904 | |
| Instrumental conditioning | | | | |
| Cyprinidae | | | | |
| Carassius auratus | 808330 | | | |

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| | Biochemistry | | Acipenseromorpha | |
| | Cyprinidae | | Acipenser | 806339 |
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| | Coloration | | Carangidae | |
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| | Pigment cells | | Instrumental conditioning | |
| | Teleostei | 809083 | Experimental analysis | |
| | Brain | | Teleostei | 808329 |
| | Cyprinidae | | Intraspecific communication | |
| | <i>Carassius auratus</i> | 805221 | Teleostei | 805021 |
| | Adenohypophysis | | | 806940 |
| | Clariidae | | Blenniidae | |
| | <i>Clarias batrachus</i> | 804399 | <i>Hypsoblennius</i> | 803625 |
| | Activity patterns | | Gobiidae | |
| | Clariidae | | <i>Periophthalmus koelreuteri</i> | 806370 |
| | <i>Clarias batrachus</i> | 804399 | Cichlidae | 805021 |
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| | Teleostei | 806563 | <i>Tropheus moorei</i> | 808331 |
| | Enzymology | | Apteronotidae | |
| | Brain | | <i>Apteronotus</i> | 805480 |
| | Salmonidae | | Electrophoridae | |
| | <i>Salmo gairdneri</i> | 804661 | <i>Electrophorus electricus</i> | 805480 |
| | Chlorpromazine | | Rhamphichthyidae | |
| | Effect on fish | | <i>Stenotomus</i> | 805480 |
| | Activity patterns | | Experimental analysis | |
| | Cyprinidae | | Belontiidae | |
| | <i>Carassius auratus</i> | 805220 | <i>Colisa labiosa</i> | 806371 |
| | Iproniazide | | <i>Colisa lalia</i> | 806371 |
| | Activity patterns | | Luminescent organs | |
| | Cyprinidae | | Teleostei | 809084 |
| | <i>Carassius auratus</i> | 804039 | Emotional color change | |
| | Reserpine | | Experimental analysis | |
| | Activity patterns | | Cichlidae | |
| | Cyprinidae | | <i>Tilapia melanotheron</i> | 806281 |
| | <i>Carassius auratus</i> | 804039 | Electric organs | |
| Sensory deprivation | Effect on fish | | Experimental analysis | |
| | Larva | | Gymnotidae | |
| | Teleostei | 809081 | <i>Gymnotus carapo</i> | 809042 |
| | Lateral line | | Schooling | |
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| | Cichlidae | 804992 | Experimental analysis | |
| | Percidae | | Carangidae | |
| | <i>Acerina cernua</i> | 804992 | <i>Trachurus symmetricus</i> | 806250 |
| | Esocidae | | Reproduction | |
| | <i>Esox lucius</i> | 804992 | Experimental analysis | |
| | Eye | | Belontiidae | |
| | Belontiidae | | <i>Colisa lalia</i> | 804630 |
| | <i>Trichogaster trichopterus</i> | 804992 | Courtship | |
| | Centrarchidae | 804992 | Experimental analysis | |
| | Cichlidae | 804992 | Cichlidae | |
| | Percidae | | <i>Tilapia melanotheron</i> | 806281 |
| | <i>Acerina cernua</i> | 804992 | Interspecific communication | |
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| | <i>Tilapia</i> | 804623 | Fright reaction to predator | |
| | Aggressive behavior | | Experimental analysis | |
| | Experimental analysis | | Cyprinodontidae | |
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| | Reproduction | | Cyprinidae | 807866 |
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| | Salmonidae | | <i>Salvelinus namaycush X</i> | 806194 |
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| | Silt | | Serum proteins | |
| | Experimental analysis | | Esocidae | |
| | Centrarchidae | | <i>Esox lucius</i> | 805978 |
| | <i>Lepomis cyanellus</i> | 808794 | <i>Neurilenmoma</i> | |
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| Salmonidae | | <i>Leuciscus cephalus</i> | 805343 |
| <i>Oncorhynchus kisutch</i> | 807469 | Adrenal cortex | |
| <i>Oncorhynchus tshawytscha</i> | 807469 | Experimental analysis | |
| Effect on fish | | Cyprinidae | |
| Experimental analysis | | <i>Rasbora daniconius</i> | 806701 |
| Salmonidae | 808660 | Salmonidae | |
| Temperature | | <i>Oncorhynchus kisutch</i> | 804368 |
| Salmonidae | 806639 | <i>Oncorhynchus nerka</i> | 804549 |
| Prophylactic treatment | | <i>Salmo gairdneri</i> | 804368 |
| Aeration and circulation | 807881 | Adrenaline | |
| Stress reactions | | Experimental analysis | |
| Labridae | | Petromyzontomorpha | |
| <i>Crenilabrus tinca</i> | 805535 | <i>Petromyzon marinus</i> | 806568 |
| Carangidae | | | |
| <i>Trachurus trachurus</i> | 805535 | | |

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|-------------------------------------|--------|-------------------------------------|------------|--------------------------|
| <i>Conger japonicus</i> | 804801 | Egg | Salmonidae | Pathology and parasitism |
| Opichthidae | 804801 | Salmonidae | | (continued) |
| Cobitidae | | <i>Salmo gairdneri</i> | | 807494 |
| <i>Misgurnus anguillicaudatus</i> | 804801 | Furunculosis disease | | |
| Cyprinidae | | Experimental analysis | | |
| <i>Carassius auratus</i> | 804801 | Salmonidae | | 808524 |
| Plotosidae | | Artificial propagation and planting | | |
| <i>Plotosus anguillaris</i> | 804801 | Salmonidae | | 805545 |
| Bregmacerotidae | | Copper | | |
| <i>Bregmaceros</i> | 804801 | Protozoan diseases | | |
| Macrouridae | | Teleostei | | 804706 |
| <i>Coelohynchus multispinulosus</i> | 804801 | Ultraviolet light | | |
| Argentidae | | Aquaria and water systems | | |
| <i>Argentina semifasciata</i> | 804801 | Teleostei | | 806070 |
| Paralepididae | | Development disorders | | |
| <i>Lestidium prolixum</i> | 804801 | Elasmobranchii | | 804949 |
| Synodontidae | 804801 | Teleostei | | 804949 |
| Gonostomatidae | | Key | | |
| <i>Maurolicus japonicus</i> | 804801 | Teleostei | | 805488 |
| Bacterial diseases | | Teratoma | | |
| Serranidae | | Teleostei | | 806190 |
| <i>Morone mississippiensis</i> | 809041 | Poeciliidae | | 806072 |
| Ich disease | | Double monsters | | |
| Cyprinidae | | Carcharhinidae | | |
| <i>Barbus barbus</i> | 806666 | <i>Prionace glauca</i> | | 808703 |
| Oxygen deficiencies in habitat | | Pug head | | |
| Characidae | 807949 | Sciaenidae | | |
| Treatment for disease | | <i>Cynoscion nebulosus</i> | | 804475 |
| Teleostei | | Clupeidae | | |
| Effect on fish | 807186 | <i>Brevoortia tyrannus</i> | | 806870 |
| Lethal environmental limits | | Cyprinidae | | |
| Serranidae | | <i>Cyprinus carpio</i> | | 808213 |
| <i>Morone saxatilis</i> | 808509 | Salmonidae | | |
| Lethal environmental limits | | <i>Salmo salar</i> | | 807539 |
| Serranidae | | Anatomy | | |
| <i>Morone saxatilis</i> | 806649 | Gadidae | | |
| Experimental analysis | 806671 | <i>Melanogrammus aeglefinus</i> | | 808445 |
| Cyprinidae | 806729 | Zoaridae | | |
| Aerocystitis | | <i>Macrozoarces americanus</i> | | 808445 |
| Experimental analysis | | Hyperostosis | | |
| Cyprinidae | | Ephippidae | | |
| <i>Cyprinus carpio</i> | 808238 | <i>Drepane punctata</i> | | 804283 |
| Formalin | | Sparidae | | |
| Effect on fish | | <i>Chrysophrys major</i> | | 806072 |
| Axial skeleton | | | | 806074 |
| Salmonidae | | | | 806233 |
| <i>Salvelinus fontinalis</i> | 808862 | Pliocene | | |
| Oxytetracycline | | Teleostei | | 803714 |
| Effect on fish | | Pleistocene | | |
| Salmonidae | 808803 | Teleostei | | 803714 |
| Body content | 808805 | Archeological data | | |
| Experimental analysis | | Teleostei | | 803714 |
| Ictaluridae | 808811 | Hereditary disorders | | |
| Intermediary metabolism | | Experimental analysis | | |
| Body content | | Poeciliidae | | |
| Ictaluridae | 808810 | <i>Poecilia reticulata</i> | | 803600 |
| Salmonidae | 808809 | Infectious and parasitic disorders | | |
| Artificial feeds and feeding | | Clupeidae | | |
| Experimental analysis | | <i>Brevoortia tyrannus</i> | | 805075 |
| Ictaluridae | 808812 | Esocidae | | |
| Sulfa drugs | | <i>Esox lucius</i> | | 808025 |
| Effect on fish | | Key | | |
| Intermediary metabolism | | Acipenseromorpha | | 805488 |
| Salmonidae | | Teleostei | | 805488 |
| <i>Oncorhynchus tshawytscha</i> | 808553 | Check list | | |
| Rate of growth | | Prophylactic treatment | | |
| Salmonidae | | Cyprinidae | | |
| <i>Oncorhynchus tshawytscha</i> | 808553 | <i>Aristichthys nobilis</i> | | 808235 |
| Lethal environmental limits | | <i>Ctenopharyngodon idella</i> | | 808235 |
| Salmonidae | 808553 | <i>Hypophthalmichthys molitrix</i> | | 808235 |
| <i>Oncorhynchus tshawytscha</i> | | Prophylactic treatment | | |
| Sulfonazole | 808553 | Treatment for disease | | |
| Effect on fish | | Teleostei | | 808684 |
| Cyprinodontidae | | Captive vs natural fishes | | |
| <i>Fundulus heteroclitus</i> | 808561 | Artificial hybridization | | |
| Prophylactic treatment | | Salmonidae | | 805546 |
| Teleostei | | Dropsy | | |
| Algae | 805556 | Effect on fish | | |
| Ictaluridae | | Spleen | | |
| <i>Ictalurus punctatus</i> | 808512 | Cyprinidae | | |
| Vascular plants | | <i>Cyprinus carpio</i> | | 808227 |
| Ictaluridae | | Kidney | | |
| <i>Ictalurus punctatus</i> | 808512 | Cyprinidae | | |
| Infectious and parasitic disorders | | <i>Cyprinus carpio</i> | | 808227 |
| Ictaluridae | | Nitrofurans | | |
| <i>Ictalurus punctatus</i> | 808512 | Treatment for disease | | 808700 |
| Bacterial diseases | | Swim bladder inflammation | | |
| Experimental analysis | | Host parasite interactions | | |
| Salmonidae | | Cyprinidae | | |
| <i>Salmo gairdneri</i> | 807494 | <i>Cyprinus carpio</i> | | 805560 |
| | | Parasite life history | | |
| | | Myxosporidiosis | | |
| | | Whirling disease | | |
| | | Salmonidae | | 808511 |

| Pathology and parasitism (continued) | Host specificity | | Parasite life history | |
|--------------------------------------|---------------------------------|--------|-----------------------------------|--------|
| | | | | |
| | Polypteromorpha | | Salmonidae | |
| | <i>Polypterus senegalus</i> | 804080 | <i>Oncorhynchus nerka</i> | 803763 |
| | Teleostei | 803827 | Host parasite interactions | |
| | Mormyridae | 804080 | Prophylactic treatment | |
| | Salmonidae | | Salmonidae | |
| | <i>Salmo trutta</i> | 807893 | <i>Oncorhynchus nerka</i> | 808891 |
| | Cestoda | | Host specificity | |
| | Experimental analysis | | Ictaluridae | |
| | Gasterosteidae | | <i>Ictalurus punctatus</i> | 808895 |
| | <i>Gasterosteus aculeatus</i> | 803978 | Tissue culture techniques | |
| | <i>Pungitius pungitius</i> | 803978 | Pomadasyidae | |
| | Percidae | | <i>Haemulon sciurus</i> | 804683 |
| | <i>Acerina cernua</i> | 803978 | Tissue culture techniques | |
| | <i>Perca fluviatilis</i> | 803978 | Cyprinidae | |
| | Anguillidae | | <i>Pimephales promelas</i> | 806987 |
| | <i>Anguilla anguilla</i> | 803978 | Cauliflower disease | |
| | Osmeridae | | Effect on fish | |
| | <i>Osmerus eperlanus</i> | 803978 | Experimental analysis | |
| | Genetic disease resistance | | Anguillidae | |
| | Artificial selection | | <i>Anguilla anguilla</i> | 808485 |
| | Cyprinidae | | Incidence of infection | |
| | <i>Cyprinus carpio</i> | 808237 | Anguillidae | |
| | Salmonidae | | <i>Anguilla anguilla</i> | 808485 |
| | <i>Salmo gairdneri</i> | 808237 | Epitheliocystis | |
| | Host parasite interactions | | Host parasite interactions | |
| | Computer analysis | 807754 | Ultrastructure | |
| | Host and parasite phylogeny | | Centrarchidae | |
| | Acipenseromorpha | 806903 | <i>Lepomis macrochirus</i> | 808898 |
| | Monogenea | | Experimental analysis | |
| | Gadidae | 807411 | Centrarchidae | |
| | Macrouridae | | <i>Lepomis macrochirus</i> | 808898 |
| | <i>Coryphaenoides rupestris</i> | 807411 | Infectious hematopoietic necrosis | |
| | Diseases of fishes | | Effect on fish | |
| | Key | | Tissue culture techniques | |
| | Acipenseromorpha | 805488 | Salmonidae | |
| | Teleostei | 805488 | <i>Oncorhynchus nerka</i> | 807882 |
| | Gas bladder | | <i>Salmo gairdneri</i> | 807882 |
| | Experimental analysis | | Infectious pancreatic necrosis | |
| | Cyprinidae | | Teleostei | 805510 |
| | <i>Cyprinus carpio</i> | 808674 | Ultrastructure | |
| | Treatment for disease | | Salmonidae | |
| | Cyprinidae | | <i>Salmo gairdneri</i> | 807489 |
| | <i>Cyprinus carpio</i> | 808674 | Development | |
| | | 808685 | Teleostei | 809048 |
| | Prophylactic treatment | | Immunological reactions | |
| | Cyprinidae | | Experimental analysis | |
| | <i>Cyprinus carpio</i> | 808685 | Salmonidae | |
| | | 808687 | <i>Salmo gairdneri</i> | 807506 |
| | Bibliography | 808257 | <i>Salvelinus fontinalis</i> | 807506 |
| | Aerocystitis | | Genetic disease resistance | |
| | Effect on fish | | Salmonidae | |
| | Treatment for disease | | <i>Salmo gairdneri</i> | 807506 |
| | Cyprinidae | | <i>Salvelinus fontinalis</i> | 807506 |
| | <i>Cyprinus carpio</i> | 808238 | Distribution of infection | |
| | Blue sac disease | | Incidence of infection | |
| | Prophylactic treatment | | Salmonidae | 807552 |
| | Fry | | Prophylactic treatment | |
| | Teleostei | 808892 | Salmonidae | 805552 |
| | Salmonidae | 808892 | Host parasite interactions | |
| | Dropsy | | Identification | |
| | Prophylactic treatment | | Salmonidae | |
| | Treatment for disease | | <i>Salvelinus fontinalis</i> | 807436 |
| | Cyprinidae | | Immunological reactions | |
| | <i>Cyprinus carpio</i> | 808218 | Belontiidae | |
| | Gas bladder disease | | <i>Trichogaster trichopterus</i> | 804890 |
| | Bacterial diseases | | Tissue culture techniques | |
| | Virus diseases | | Experimental analysis | 808899 |
| | Cyprinidae | | Lymphocystis disease | |
| | <i>Cyprinus carpio</i> | 808239 | Teleostei | 805510 |
| | White spot disease | | | 806073 |
| | Experimental analysis | | | 806623 |
| | Salmonidae | | | |
| | <i>Salvelinus fontinalis</i> | 808522 | | |
| | Virus diseases | | | |
| | Percidae | | | |
| | <i>Stizostedion vitreum</i> | 806197 | | |
| | Identification | | | |
| | Teleostei | 808887 | | |
| | Experimental analysis | | | |
| | Tissue culture techniques | | | |
| | Pomadasyidae | | | |
| | <i>Haemulon sciurus</i> | 805510 | | |
| | Effect on fish | | | |
| | Ovary | | | |
| | Salmonidae | | | |
| | <i>Salmo gairdneri</i> | 807368 | | |
| | Tissue culture techniques | | | |
| | Salmonidae | | | |
| | <i>Salmo gairdneri</i> | 807368 | | |
| | Neoplastic diseases | | | |
| | Teleostei | 806072 | | |

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|--------------------------------------|--------|---------------------------------|--------|--------------------------------------|
| Incidence of infection | | Egg | | |
| Change with age | | Prophylactic treatment | | |
| Blenniidae | | Salmonidae | | |
| <i>Hyppoblenius jenkinsi</i> | 807626 | <i>Salmo gairdneri</i> | 807494 | Pathology and parasitism (continued) |
| Clinidae | | Nitrofurantoin | | |
| <i>Acanthemblemaria crockeri</i> | 807626 | Treatment for disease | | |
| Host parasite interactions | | Oxytetracycline | 808700 | |
| Host specificity | | Treatment for disease | | |
| Teleostei | 808890 | Experimental analysis | | |
| Viral hemorrhagic septicaemia | | Ictaluridae | | |
| Teleostei | 805510 | <i>Ictalurus furcatus</i> | 808807 | |
| Pomadasyidae | | <i>Ictalurus punctatus</i> | 808807 | |
| <i>Haemulon sciurus</i> | 805510 | Salmonidae | 808804 | |
| Identification | | Vibrio | | |
| Teleostei | 808887 | Immunological reactions | | |
| Effect on fish | | Experimental analysis | | |
| Identification | | Anguillidae | | |
| Salmonidae | | <i>Anguilla japonica</i> | 805491 | |
| <i>Salmo gairdneri</i> | 808254 | Vibriosis | | |
| Prophylactic treatment | | Epizootics | | |
| Treatment for disease | | Salmonidae | | |
| Salmonidae | | <i>Oncorhynchus tshawytscha</i> | 803845 | |
| <i>Salmo gairdneri</i> | 808685 | Furunculosis disease | | |
| Tissue culture techniques | | Effect on fish | | |
| Biochemistry | | Salmonidae | | |
| Salmonidae | | <i>Oncorhynchus kisutch</i> | 807345 | |
| <i>Salmo gairdneri</i> | 804327 | <i>Salmo gairdneri</i> | 807345 | |
| Ulcerative dermal necrosis | | Serum proteins | | |
| Salmonidae | | Salmonidae | | |
| <i>Salmo salar</i> | 804233 | <i>Salmo salar</i> | 805978 | |
| <i>Salmo trutta</i> | 804413 | Epizootics | | |
| Effect on fish | 804233 | Serranidae | | |
| Serum proteins | | <i>Morone mississippiensis</i> | 808901 | |
| Salmonidae | | Treatment for disease | | |
| <i>Salmo salar</i> | 805978 | Salmonidae | | |
| Bacterial diseases | | <i>Oncorhynchus tshawytscha</i> | 808803 | |
| Cyprinidae | | Experimental analysis | | |
| <i>Carassius auratus</i> | 803523 | Salmonidae | 808553 | |
| Effect on fish | | Prophylactic treatment | | |
| Treatment for disease | | Experimental analysis | | |
| Cyprinidae | | Salmonidae | 808524 | |
| <i>Ctenopharyngodon idella</i> | 808446 | Vector of fish disease | | |
| <i>Pseudorasbora parva</i> | 808446 | Experimental analysis | | |
| Blood and lymph | | Salmonidae | 808524 | |
| Experimental analysis | | Host parasite interactions | | |
| Cyprinidae | | Histology | | |
| <i>Carassius auratus</i> | 806862 | Cyprinidae | | |
| <i>Nocomis biguttatus</i> | 806862 | <i>Carassius auratus</i> | 805958 | |
| <i>Notemigonus crysoleucas</i> | 806862 | Treatment for disease | | |
| Immunological reactions | | Teleostei | 808894 | |
| Cyprinidae | | Cyprinidae | | |
| <i>Carassius auratus</i> | 806862 | <i>Carassius auratus</i> | 805958 | |
| <i>Nocomis biguttatus</i> | 806862 | Prophylactic treatment | | |
| <i>Notemigonus crysoleucas</i> | 806862 | Teleostei | 808894 | |
| Kidney | | Bacteriophage | | |
| Experimental analysis | | Distribution of infection | | |
| Salmonidae | 807803 | Salmonidae | | |
| Epizootics | | Oxytetracycline | 807375 | |
| Catostomidae | | Treatment for disease | | |
| <i>Catostomus commersoni</i> | 807869 | Experimental analysis | | |
| Cyprinidae | | Ictaluridae | 808807 | |
| <i>Notropis cornutus</i> | 807869 | Salmonidae | 808804 | |
| Salmonidae | | <i>Oncorhynchus kisutch</i> | 808808 | |
| <i>Salmo salar</i> | 807869 | Prophylactic treatment | | |
| Treatment for disease | | Experimental analysis | | |
| Cyprinidae | 808577 | Salmonidae | | |
| Salmonidae | 808803 | <i>Oncorhynchus kisutch</i> | 808806 | |
| Host parasite interactions | | Pseudomonas diseases | | |
| Axial skeletal muscles | | Treatment for disease | | |
| Pleuronectidae | | Prophylactic treatment | | |
| <i>Pleuronectes platessa</i> | 805057 | Teleostei | 808888 | |
| Tissue culture techniques | | Bacterial kidney disease | | |
| Pomadasyidae | | Incidence of infection | | |
| <i>Haemulon sciurus</i> | 804683 | Captive vs natural fishes | | |
| Aeromonas | | Salmonidae | | |
| Experimental analysis | | <i>Salmo salar</i> | 807511 | |
| Anguillidae | | Fish mycobacteriosis | | |
| <i>Anguilla japonica</i> | 804803 | Teleostei | 803702 | |
| Effect on fish | 805437 | Identification | 804949 | |
| Mass mortalities | | Effect on fish | | |
| Serranidae | | Teleostei | 808255 | |
| <i>Morone mississippiensis</i> | 809041 | Prophylactic treatment | | |
| Treatment for disease | | Teleostei | 808255 | |
| Prophylactic treatment | | Host parasite interactions | | |
| Teleostei | 808888 | Histology | | |
| Aeromonas liquefaciens | | Characidae | | |
| Effect on fish | | <i>Gymnocorymbus ternetzi</i> | 808205 | |
| Anguillidae | | Cyprinidae | | |
| <i>Anguilla japonica</i> | 807281 | <i>Cyprinus carpio</i> | 808205 | |
| | | Experimental analysis | | |
| | | Cyprinidae | | |
| | | <i>Cyprinus carpio</i> | 808205 | |

| Host parasite interactions | | Incidence of infection | | Fishing and fisheries | |
|------------------------------------|--------|----------------------------------|--------|-----------------------|--|
| Sciaenidae | | Host parasite interactions | | | |
| <i>Leiostomus xanthurus</i> | 806202 | Cyprinidae | | | |
| Histology | | <i>Leuciscus idus</i> | 804777 | | |
| Pleuronectidae | | <i>Rutilus rutilus</i> | 804777 | | |
| <i>Parophrys vetulus</i> | 807483 | Prophylactic treatment | | | |
| Distribution | | Experimental analysis | | | |
| Osmeridae | | Salmonidae | 808511 | | |
| <i>Osmerus mordax</i> | 804390 | Host parasite interactions | | | |
| Seasonal changes | | Parasite life history | | | |
| Osmeridae | | Salmonidae | | | |
| <i>Osmerus eperlanus</i> | 804755 | <i>Salmo gairdneri</i> | 804385 | | |
| Parasite life history | | Parasite systematics | | | |
| Teleostei | 808896 | Gobiidae | | | |
| Myxosporidiosis | | <i>Gobius ophiocephalus</i> | 805469 | | |
| Dasyatidae | | Incidence of infection | | | |
| <i>Dasyatis pastinaca</i> | 805466 | Cyprinidae | | | |
| Rajidae | | Salmonidae | | | |
| <i>Raja clavata</i> | 805466 | <i>Alburnus alburnus</i> | 804111 | | |
| Squalidae | | <i>Barbus barbus</i> | 804111 | | |
| <i>Squalus acanthias</i> | 805466 | Whirling disease | | | |
| Teleostei | 807385 | Identification | | | |
| Syngnathidae | | Teleostei | 808887 | | |
| <i>Syngnathus nigrolineatus</i> | 805466 | Helminth diseases | | | |
| Anabantidae | | Effect on fish | | | |
| <i>Ctenopoma kingsleyae</i> | 805853 | Lipid and fatty acid content | | | |
| Blennidae | | Salmonidae | | | |
| <i>Blennius zvonimiri</i> | 805466 | <i>Salmo gairdneri</i> | 807773 | | |
| Gobiidae | | Hemoglobin | | | |
| <i>Gobius batrachoccephalus</i> | 805466 | Salmonidae | | | |
| <i>Gobius melanostomus</i> | 805466 | <i>Salmo gairdneri</i> | 807773 | | |
| Labridae | | Age at maturity | | | |
| Mugiloidae | | Salmonidae | | | |
| <i>Liza auratus</i> | 805466 | <i>Salmo gairdneri</i> | 807773 | | |
| <i>Mugil cephalus</i> | 805466 | Rate of growth | | | |
| <i>Mugil saliens</i> | 805466 | Salmonidae | | | |
| Carangidae | | <i>Salmo gairdneri</i> | 807773 | | |
| <i>Trachurus mediterraneus</i> | 805466 | Coefficient of condition | | | |
| Percidae | | Salmonidae | | | |
| <i>Perca fluviatilis</i> | 804123 | <i>Salmo gairdneri</i> | 807773 | | |
| Sparidae | | Swimming endurance | | | |
| <i>Diplodus annularis</i> | 805466 | Salmonidae | | | |
| Scombridae | | <i>Salmo gairdneri</i> | 807773 | | |
| <i>Scomber scombrus</i> | 805466 | Anchor worm infestation | | | |
| | 805712 | Carangidae | | | |
| Xiphiidae | | <i>Trachinotus carolinus</i> | 804222 | | |
| <i>Xiphias gladius</i> | 805712 | Percidae | | | |
| Trachinidae | | <i>Perca fluviatilis</i> | 804123 | | |
| <i>Trachinus draco</i> | 805466 | Cyprinidae | 804123 | | |
| Uranoscopidae | | <i>Carassius auratus</i> | 803773 | | |
| <i>Uranoscopus scaber</i> | 805466 | Esocidae | | | |
| Pleuronectidae | | <i>Esox lucius</i> | 804123 | | |
| <i>Platichthys flesus</i> | 805466 | Salmonidae | 804123 | | |
| Soleidae | | Distribution of infection | | | |
| <i>Solea lascaris</i> | 805466 | Cyprinidae | 809086 | | |
| Scorpaenidae | | Incidence of infection | | | |
| <i>Scorpaena porcus</i> | 805466 | Intensity of infection | | | |
| Atherinidae | | Percidae | | | |
| <i>Atherina hepsetus</i> | 805466 | <i>Perca fluviatilis</i> | 803827 | | |
| Belonidae | | Cyprinidae | | | |
| <i>Belone bellone</i> | 805466 | <i>Abramis brama</i> | 803827 | | |
| Clupeidae | | <i>Rutilus rutilus</i> | 803827 | | |
| <i>Alosa fallax</i> | 805466 | Esocidae | | | |
| <i>Alosa kessleri</i> | 805466 | <i>Esox lucius</i> | 803827 | | |
| Engraulidae | | Host parasite interactions | | | |
| <i>Engraulis encrasicolus</i> | 805466 | Cyprinodontidae | | | |
| Cobitidae | | <i>Fundulus kansae</i> | 807834 | | |
| <i>Misgurnus fossilis</i> | 806261 | Host parasite interactions | | | |
| Cyprinidae | 804123 | Treatment for disease | | | |
| <i>Barbus lacerta</i> | 807267 | Teleostei | 808889 | | |
| <i>Phoxinus phoxinus</i> | 805407 | Relations of fish and man | | | |
| | 808216 | Petromyzontomorpha | 807937 | | |
| Gadidae | | Fishing and fisheries | | | |
| <i>Gaidropsarus mediterraneus</i> | 805466 | Cyprinidae | | | |
| <i>Odontogadus merlangus</i> | 805466 | <i>Barbus</i> | 808152 | | |
| Ophidiidae | | <i>Oreinus</i> | 808152 | | |
| <i>Ophidion rochei</i> | 805466 | Siluridae | | | |
| Esocidae | | <i>Mystus</i> | 808152 | | |
| <i>Esox lucius</i> | 803827 | Osmeridae | | | |
| | 804123 | <i>Osmerus eperlanus</i> | 808647 | | |
| Salmonidae | 806261 | <i>Osmerus mordax</i> | 808647 | | |
| <i>Prosopium coulteri</i> | 804123 | Danube R | | | |
| <i>Prosopium williamsoni</i> | 804294 | Bibliography | 808649 | | |
| Seasonal changes | 804294 | German Democratic Republic | | | |
| Cyprinidae | | Bibliography | 808257 | | |
| <i>Vimba vimba</i> | 807046 | Syria | | | |
| Distribution of infection | | Faunal list | | | |
| Cyprinidae | | Teleostei | 808482 | | |
| <i>Aristichthys nobilis</i> | 808235 | Terminology | 807677 | | |
| <i>Ctenopharyngodon idella</i> | 808235 | History of fishing | 805260 | | |
| <i>Hypophthalmichthys molitrix</i> | 808235 | Cichlidae | | | |
| | | <i>Tilapia</i> | 806262 | | |
| | | Angling | | | |
| | | Teleostei | 807190 | | |

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|--------------------------------------|------------------------------------|--------|-------------------------------------|--------|
| Fishing and fisheries (continued) | History of fisheries | 806483 | Thunnus | 808711 |
| | Petromyzontomorpha | | | 808963 |
| | <i>Lamprologus fluviatilis</i> | 807198 | <i>Thunnus alalunga</i> | 805931 |
| | Elasmobranchii | 806740 | | 808365 |
| | Acipenseromorpha | 806890 | <i>Thunnus albacares</i> | 808365 |
| | <i>Acipenser stellatus</i> | 807706 | <i>Thunnus thynnus</i> | 805931 |
| | Teleostei | 806740 | Clupeidae | |
| | | 806890 | <i>Brevortia tyrannus</i> | 805075 |
| | | 807014 | <i>Clupea harengus</i> | 805320 |
| | | | <i>Opisthonema oglinum</i> | 807981 |
| | Carangidae | 807225 | <i>Sardinella longiceps</i> | 807079 |
| | Lutjanidae | | | 808573 |
| | <i>Lutjanus gibbus</i> | 807014 | Engraulidae | |
| | Percidae | | <i>Cetengraulis mysticetus</i> | 808646 |
| | <i>Perca flavescens</i> | 803627 | Characidae | 805359 |
| | <i>Stizostedion vitreum</i> | 807178 | <i>Alestes</i> | 804813 |
| | Scombridae | 807128 | Cyprinidae | 805359 |
| | <i>Euthynnus pelamis</i> | 806500 | Malapteruridae | |
| | <i>Sarda chiliensis</i> | 807225 | <i>Malapterurus electricus</i> | 804806 |
| | <i>Thunnus alalunga</i> | 807225 | <i>Malapterurus microstoma</i> | 804806 |
| | <i>Thunnus albacares</i> | 806500 | Pangasiidae | |
| | <i>Thunnus thynnus</i> | 807225 | <i>Pangasius pangasius</i> | 808572 |
| | Sphyraenoidae | | Trichomycteridae | |
| | <i>Sphyraena argentea</i> | 807225 | <i>Pseudostegophilus nemurus</i> | 805851 |
| | Pleuronectidae | 807198 | Osteoglossidae | |
| | <i>Hippoglossus stenolepis</i> | 803538 | <i>Arapaima gigas</i> | 805851 |
| | | 808160 | Merlucciidae | |
| | <i>Lepidopsetta bilineata</i> | 803538 | <i>Merluccius productus</i> | 806326 |
| | | 807906 | Experimental analysis | 804691 |
| | <i>Limanda aspera</i> | 803538 | | 804966 |
| | <i>Parophrys vetulus</i> | 805944 | | 806328 |
| | Anoplopomatidae | | Teleostei | 804973 |
| | <i>Anoplopoma fimbria</i> | 803538 | | 804977 |
| | Scorpaenidae | | Scombridae | |
| | <i>Sebastes alutus</i> | 803538 | <i>Thunnus</i> | 804318 |
| | Clupeidae | | | 804319 |
| | <i>Alosa alosa</i> | 807198 | Pleuronectidae | |
| | <i>Alosa fallax</i> | 807198 | <i>Reinhardtius hippoglossoides</i> | 807106 |
| | <i>Alosa sapidissima</i> | 808872 | Light | |
| | <i>Brevortia tyrannus</i> | 805075 | Scombridae | |
| | | 805097 | <i>Scomber scombrus</i> | 806320 |
| | <i>Clupea harengus</i> | 803538 | Clupeidae | 806218 |
| | | 805063 | <i>Clupea harengus</i> | 806320 |
| | <i>Opisthonema oglinum</i> | 806498 | | 808662 |
| | <i>Sardinops caerulea</i> | 805097 | <i>Clupeonella</i> | 806343 |
| | Engraulidae | | <i>Sardina pilchardus</i> | 806347 |
| | <i>Engraulis mordax</i> | 807888 | Engraulidae | 806218 |
| | <i>Engraulis ringens</i> | 805574 | Gadidae | |
| | Anguillidae | | <i>Boreogadus saida</i> | 806342 |
| | <i>Anguilla anguilla</i> | 807198 | <i>Gadus morhua</i> | 806320 |
| | Gadidae | | Seining | |
| | <i>Gadus ogac</i> | 805022 | Carangidae | |
| | Osmeridae | | <i>Caranx</i> | 806331 |
| | <i>Mallotus villosus</i> | 805022 | <i>Decapterus</i> | 806331 |
| | <i>Osmerus eperlanus</i> | 807198 | Scombridae | 806331 |
| | Salmonidae | 803538 | Clupeidae | |
| | <i>Oncorhynchus gorbuscha</i> | 804690 | <i>Sardinella</i> | 806331 |
| | <i>Oncorhynchus nerka</i> | 803624 | Orientation with light source | |
| | | 804690 | Experimental analysis | |
| | <i>Salmo salar</i> | 807198 | Cichlidae | |
| | <i>Salvelinus alpinus</i> | 805022 | <i>Haplochromis</i> | 808969 |
| | | | Cyprinidae | |
| | Fishing methods | 804447 | <i>Engraulicypris argenteus</i> | 808969 |
| | | 804709 | Sound production | |
| | Elasmobranchii | 808407 | Scombridae | |
| | Teleostei | 803747 | <i>Euthynnus affinis</i> | 806346 |
| | | 805038 | <i>Thunnus albacares</i> | 806346 |
| | | 805113 | Bait fish | |
| | | 806002 | Scombridae | |
| | | 807241 | <i>Scomberomorus cavalla</i> | 808183 |
| | | 808407 | <i>Scomberomorus maculatus</i> | 808183 |
| | | 808631 | Experimental analysis | |
| | | 808575 | Scombridae | |
| | Mugiloidae | | <i>Euthynnus pelamis</i> | 806325 |
| | Carangidae | 807981 | Archeological data | 806547 |
| | <i>Chloroscombrus chrysurus</i> | | Netting | |
| | Centropomidae | | Experimental analysis | |
| | <i>Lates niloticus</i> | 804813 | Carangidae | 806318 |
| | Cichlidae | 805359 | Scombridae | 806318 |
| | Lutjanidae | 807981 | Seining | |
| | Rachycentridae | | Carangidae | |
| | <i>Rachycentron canadum</i> | 807981 | <i>Chorinemus lysan</i> | 806782 |
| | Sciaenidae | | Scombridae | 806782 |
| | <i>Cynoscion nobilis</i> | 807225 | Chanidae | |
| | <i>Pseudosciaenops coibor</i> | 808586 | <i>Chanos chanos</i> | 806782 |
| | <i>Pseudotolithus</i> | 806749 | Trawling | |
| | <i>Pseudotolithus elongatus</i> | 805648 | | 808616 |
| | <i>Pseudotolithus senegalensis</i> | 805648 | Experimental analysis | |
| | <i>Pseudotolithus typus</i> | 805648 | Dipnoi | |
| | Serranidae | 807981 | <i>Protopterus</i> | 808975 |
| | Scombridae | 807981 | <i>Protopterus aethiopicus</i> | 808976 |
| | <i>Euthynnus pelamis</i> | 806460 | | 808973 |
| | | 808711 | Teleostei | |
| | <i>Scomberomorus cavalla</i> | 806942 | | |
| | <i>Scomberomorus maculatus</i> | 806942 | | |

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|------------------------------------|--------|-------------------------------------|--------|-----------------------|
| Carangidae | 806318 | Scombridae | | Fishing and fisheries |
| Cichlidae | | <i>Thunnus albacares</i> | 808964 | (continued) |
| <i>Haplochromis</i> | 808969 | <i>Thunnus thynnus</i> | 808964 | |
| | 808975 | Cynoglossidae | 806752 | |
| | 808976 | Pleuronectidae | | |
| Scombridae | 806318 | <i>Hippoglossoides platessoides</i> | 807417 | |
| Cyprinidae | | <i>Lepidopsetta bilineata</i> | 807906 | |
| <i>Engraulicypris argenteus</i> | 808969 | <i>Parophrys vetulus</i> | 805945 | |
| Sonar observation | 808454 | Exocoetidae | | |
| Angling | | <i>Cypselurus opisthopus</i> | 804120 | |
| Scombridae | | Scomberesocidae | | |
| <i>Scomberomorus cavalla</i> | 808184 | <i>Cololabis saira</i> | 807111 | |
| <i>Scomberomorus maculatus</i> | 808184 | Clupeidae | 806635 | |
| Experimental analysis | | Anguillidae | | |
| Gobiidae | | <i>Anguilla anguilla</i> | 807646 | |
| <i>Acanthogobius flavimanus</i> | 807156 | Characidae | | |
| Scombridae | | <i>Alestes jacksoni</i> | 808968 | |
| <i>Scomber japonicus</i> | 805422 | Catostomidae | 806635 | |
| Poison collecting | | Cyprinidae | 805868 | |
| Netting | | <i>Barbus kolus</i> | 808571 | |
| Teleostei | 808369 | <i>Labeo victorinus</i> | 808968 | |
| Electric shocking | | <i>Notemigonus crysoleucas</i> | 806635 | |
| Teleostei | 808666 | Ictaluridae | 806635 | |
| Anguillidae | | Schilbeidae | | |
| <i>Anguilla anguilla</i> | 808666 | <i>Schilbe mystus</i> | 808968 | |
| Shallow water observation | | Gadidae | | |
| Teleostei | 804979 | <i>Lota lota</i> | 806635 | |
| Feeding | | Bathylagidae | | |
| Embiotocidae | 804979 | <i>Bathylagus stibius</i> | 803881 | |
| Longlining | | Exocidae | 806635 | |
| Scombridae | | Umbriidae | 806635 | |
| <i>Euthynnus</i> | 808156 | Mycetophidae | | |
| <i>Thunnus</i> | 808156 | <i>Stenobranichius leucopsarus</i> | 803881 | |
| Anoploplatidae | | <i>Triphoturus mexicanus</i> | 803881 | |
| <i>Anoplopoma fimbria</i> | 807509 | Salmonidae | 806635 | |
| Scorpaenidae | | <i>Oncorhynchus gorboscha</i> | 804218 | |
| <i>Sebastes aleutianus</i> | 807509 | <i>Oncorhynchus keta</i> | 804218 | |
| Macrouridae | 807509 | <i>Salmo trutta</i> | 806253 | |
| Moridae | | <i>Salvelinus alpinus</i> | 806253 | |
| <i>Antimora rostrata</i> | 807509 | Experimental analysis | 808516 | |
| Experimental analysis | | Teleostei | 804971 | |
| Squalidae | | Gadidae | | |
| <i>Squalus acanthias</i> | 806785 | <i>Gadus morhua</i> | 806554 | |
| Scombridae | | Salmonidae | | |
| <i>Thunnus</i> | 807283 | <i>Oncorhynchus gorboscha</i> | 804220 | |
| | 807284 | <i>Oncorhynchus nerka</i> | 806434 | |
| <i>Thunnus alalunga</i> | 807990 | Age class distribution | 806434 | |
| <i>Thunnus albacares</i> | 807990 | Scombridae | | |
| <i>Thunnus obesus</i> | 807990 | <i>Thunnus albacares</i> | 808281 | |
| Pound netting | 808435 | Circadian rhythms | | |
| Bait fish | | Centrarchidae | | |
| Carangidae | | <i>Lepomis</i> | 808158 | |
| <i>Selar crumenophthalmus</i> | 805113 | <i>Micropterus salmoides</i> | 808158 | |
| Atherinidae | | Cichlidae | | |
| <i>Menidia extensa</i> | 807835 | <i>Cichlasoma tetraodon</i> | 808158 | |
| Clupeidae | 805113 | Maximum yield | | |
| <i>Dorosoma petenense</i> | 806460 | Experimental analysis | | |
| Engraulidae | 805113 | Pleuronectidae | | |
| <i>Cetengraulis mysticetus</i> | 808646 | <i>Hippoglossus stenolepis</i> | 808161 | |
| <i>Engraulis mordax</i> | 807892 | Fish conservation | | |
| <i>Stolephorus purpureus</i> | 806460 | Experimental analysis | | |
| Experimental analysis | | Salmonidae | | |
| Cichlidae | | <i>Oncorhynchus keta</i> | 806646 | |
| <i>Tilapia mossambica</i> | 806325 | Fry | | |
| Engraulidae | | Salmonidae | | |
| <i>Stolephorus purpureus</i> | 806325 | <i>Oncorhynchus keta</i> | 806646 | |
| Fishery statistics | | Netting | | |
| Teleostei | 807224 | Pleuronectidae | | |
| | 807236 | <i>Hippoglossus hippoglossus</i> | 805086 | |
| Fishing gear selectivity | 807127 | Salmonidae | | |
| | 807887 | <i>Oncorhynchus gorboscha</i> | 805347 | |
| Amiromorpha | | <i>Oncorhynchus keta</i> | 805347 | |
| <i>Amia calva</i> | 806635 | <i>Oncorhynchus nerka</i> | 805347 | |
| Semionotomorpha | 806635 | <i>Salmo trutta</i> | 806254 | |
| Teleostei | 804078 | <i>Salvelinus alpinus</i> | 806254 | |
| Gasterosteidae | | Seining | | |
| <i>Gasterosteus aculeatus</i> | 806635 | Salmonidae | | |
| <i>Pungitius pungitius</i> | 806635 | <i>Oncorhynchus</i> | 805348 | |
| Gobiidae | | Salmonidae | | |
| <i>Glossogobius giuris</i> | 808633 | <i>Salmo trutta</i> | 806254 | |
| Branchiostegidae | | <i>Salvelinus alpinus</i> | 806254 | |
| <i>Branchiostegus japonicus</i> | 804117 | Trawling | | |
| Cichlidae | | Salmonidae | | |
| <i>Haplochromis</i> | 808976 | <i>Salmo trutta</i> | 806254 | |
| Percidae | | <i>Salvelinus alpinus</i> | 806254 | |
| <i>Stizostedion vitreum</i> | 807178 | Experimental analysis | | |
| Sciaenidae | 806752 | Carangidae | | |
| <i>Pseudotolithus elongatus</i> | 805648 | <i>Trachurus mediterraneus</i> | 805902 | |
| <i>Pseudotolithus senegalensis</i> | 805648 | Emmelichthyidae | | |
| <i>Pseudotolithus typus</i> | 805648 | <i>Maena maena</i> | 805902 | |
| Theraponidae | | Mullidae | | |
| <i>Therapon plumbeus</i> | 808633 | <i>Mullus barbatus</i> | 805902 | |

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| Fishing and fisheries (continued) | Sparidae | 805902 | Elasmobranchii | 805608 |
| | Trachinidae | | | 805673 |
| | <i>Trachinus</i> | 805902 | | 805819 |
| | Triglidae | | | 807224 |
| | <i>Trigla lyra</i> | 805902 | | 807225 |
| | Gadidae | 805902 | | 807236 |
| | Merlucciidae | | | 807996 |
| | <i>Merluccius merluccius</i> | 805902 | | 808310 |
| | Synodontidae | | | 808375 |
| | <i>Saurida tumbil</i> | 808306 | | 808385 |
| | Circadian rhythms | | | 808388 |
| | Merlucciidae | | | 808407 |
| | <i>Merluccius merluccius</i> | 808922 | | 808576 |
| | Angling | | | 808577 |
| | Salmonidae | | | 808599 |
| | <i>Salmo trutta</i> | 806254 | | 808715 |
| | <i>Salvelinus alpinus</i> | 806254 | | 809056 |
| | Gillnetting | | Rajidae | 807106 |
| | Centropomidae | | | 807910 |
| | <i>Lates niloticus</i> | 808305 | Carcharhinidae | 806222 |
| | Experimental analysis | | Squalidae | |
| | Salmonidae | | <i>Squalus acanthias</i> | 807914 |
| | <i>Oncorhynchus gorbuscha</i> | 807429 | | 808867 |
| | <i>Oncorhynchus nerka</i> | 807429 | Acipenseromorpha | 807910 |
| | Morphometrics | | | 808242 |
| | Netting | | | 808438 |
| | Percidae | | | 808622 |
| | <i>Perca flavescens</i> | 807516 | | 808624 |
| | Catostomidae | | <i>Acipenser fulvescens</i> | 807557 |
| | <i>Catostomus commersoni</i> | 807516 | <i>Polyodon spathula</i> | 808464 |
| | Salmonidae | | Teleostei | 805113 |
| | <i>Prosopium cylindraceum</i> | 807516 | | 805338 |
| Fishery dynamics | | 807127 | | 805608 |
| | | 807371 | | 805673 |
| | | 807792 | | 805819 |
| | | 807887 | | 806157 |
| | Teleostei | 806617 | | 807014 |
| | Percidae | | | 807028 |
| | <i>Stizostedion lucioperca</i> | 807707 | | 807224 |
| | Scombridae | | | 807225 |
| | <i>Euthynnus pelamis</i> | 804626 | | 807236 |
| | <i>Thunnus albacares</i> | 804317 | | 807701 |
| | | 804626 | | 807996 |
| | | 808401 | | 808029 |
| | <i>Thunnus obesus</i> | 804118 | | 808243 |
| | Cyprinidae | | | 808310 |
| | <i>Abramis brama</i> | 807707 | | 808385 |
| | Osmeridae | | | 808388 |
| | <i>Osmerus eperlanus</i> | 807707 | | 808407 |
| | Salmonidae | 806617 | | 808438 |
| | <i>Coregonus albula</i> | 807707 | | 808576 |
| | <i>Coregonus lavaretus</i> | 807707 | | 808599 |
| | <i>Oncorhynchus nerka</i> | 807378 | | 808630 |
| | | 807665 | | 808694 |
| | Population density | | | 808715 |
| | Maximum yield | | | 808755 |
| | Scombridae | | | 809056 |
| | <i>Thunnus albacares</i> | 808280 | Characiformes | 807263 |
| | Interspecific competition | | Channiformes | 808577 |
| | Maximum yield | | <i>Channa striatus</i> | 808631 |
| | Clupeidae | | Ammodytidae | 808375 |
| | <i>Sardinops sagax</i> | 807528 | Anabantoidei | 808242 |
| | Engraulidae | | Anarhichadidae | 806559 |
| | <i>Engraulis mordax</i> | 807528 | | 808375 |
| | Merlucciidae | | | 808622 |
| | <i>Merluccius productus</i> | 807528 | | 808624 |
| | Maximum yield | 807518 | <i>Anarhichas latifrons</i> | 807106 |
| | Regulation of catch | | <i>Anarhichas minor</i> | 807106 |
| | Angling | | Gobiidae | |
| | Serranidae | | <i>Chsenogobius isaza</i> | 807948 |
| | <i>Morone saxatilis</i> | 808713 | Labridae | |
| | Mathematical population models | | <i>Pimelometopon pulchrum</i> | 807190 |
| | Experimental analysis | 807359 | Mastacembelidae | |
| | Computer analysis | | <i>Mastacembelus armatus</i> | 808577 |
| | Population dynamics | 807854 | Mugiloidae | 808299 |
| | | 807855 | | 808576 |
| | Teleostei | 807840 | | 808577 |
| | Gadidae | | | 808631 |
| | <i>Gadus morhua</i> | 807840 | <i>Mugil</i> | 808305 |
| | Salmonidae | | <i>Mugil brasiliensis</i> | 805684 |
| | <i>Salvelinus fontinalis</i> | 807840 | <i>Mugil capito</i> | 806755 |
| | Mathematical population models | | | 808300 |
| | | 807854 | | 808301 |
| | Teleostei | 807840 | | 805684 |
| | | 807853 | <i>Mugil cephalus</i> | 806755 |
| | Gadidae | | | 808300 |
| | <i>Gadus morhua</i> | 807840 | | 808301 |
| | Merlucciidae | | <i>Mugil curema</i> | 806222 |
| | <i>Merluccius productus</i> | 807853 | <i>Mugil saliens</i> | 808300 |
| | Salmonidae | | | 806751 |
| | <i>Salvelinus fontinalis</i> | 807840 | Carangidae | 808576 |
| | Fishery statistics | 806174 | | 808577 |
| | | 807096 | | |

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|-----------------------------------|--------|------------------------------------|--------|-----------------------|
| <i>Caranx</i> | 807980 | <i>Pseudosciaena coibor</i> | 808586 | Fishing and fisheries |
| <i>Caranx fusus</i> | 808631 | <i>Pseudosciaena polyactis</i> | 804472 | (continued) |
| <i>Caranx ignobilis</i> | 806755 | <i>Pseudotolithus</i> | 806749 | |
| <i>Caranx lutescens</i> | 807014 | <i>Pseudotolithus elongatus</i> | 805648 | |
| <i>Chloroscombrus chrysurus</i> | 808363 | <i>Pseudotolithus senegalensis</i> | 805648 | |
| <i>Seriola dorsalis</i> | 807980 | <i>Pseudotolithus typus</i> | 805648 | Fishery statistics |
| <i>Seriola dumerli</i> | 807190 | Serranidae | | |
| <i>Trachurus symmetricus</i> | 806755 | <i>Epinephelus</i> | 806222 | |
| | 807190 | <i>Epinephelus aeneus</i> | 805684 | |
| | 808311 | <i>Morone saxatilis</i> | 806755 | |
| | 808315 | <i>Paralabrax</i> | 804106 | |
| <i>Trachurus trachurus</i> | 807994 | <i>Stereolepis gigas</i> | 807190 | |
| | 807996 | Sillaginidae | 807190 | |
| | 808375 | <i>Sillago panijus</i> | 808569 | |
| Centropomidae | | | 808577 | |
| <i>Lates</i> | 807263 | | | |
| <i>Lates calcarifer</i> | 805113 | Sparidae | | |
| <i>Lates niloticus</i> | 808577 | <i>Boops boops</i> | 808308 | |
| | 805378 | <i>Chrysophrys auratus</i> | 808363 | |
| | 808305 | <i>Chrysophrys major</i> | 804799 | |
| Cheilodactylidae | | <i>Pagellus</i> | 807996 | |
| <i>Cheilodactylus macropterus</i> | 808363 | <i>Pagellus erythrinus</i> | 806755 | |
| Cichlidae | 805684 | | 808200 | |
| | 806755 | <i>Pagrus chrenbergi</i> | 805684 | |
| | 808242 | | 806755 | |
| <i>Etroplus suratensis</i> | 808577 | <i>Sparus aurata</i> | 806755 | |
| <i>Haplochromis</i> | 808968 | <i>Stenotomus chrysops</i> | 807558 | |
| <i>Tilapia</i> | 807263 | Polynemoidei | 806751 | |
| | 808305 | | 808407 | |
| <i>Tilapia shirana</i> | 803650 | | 808576 | |
| <i>Tilapia zillii</i> | 808300 | | 808577 | |
| Coryphaenidae | | Istiophoridae | 806618 | |
| <i>Coryphaena</i> | 808576 | <i>Istiophorus platypterus</i> | 808279 | |
| <i>Coryphaena hippurus</i> | 807783 | <i>Makaira indica</i> | 808279 | |
| Emmelichthyidae | | <i>Makaira nigricans</i> | 806746 | |
| <i>Maena smaris</i> | 808200 | | 808279 | |
| | 808308 | <i>Tetrapterus albidus</i> | 806746 | |
| Ephippidae | | <i>Tetrapterus angustirostris</i> | 808279 | |
| <i>Drepane africana</i> | 806751 | <i>Tetrapterus auxax</i> | 808279 | |
| Gerreidae | | Scombridae | 806618 | |
| <i>Gerres setifer</i> | 808577 | | 807128 | |
| Kyphosidae | | | 808375 | |
| <i>Crenidens indicus</i> | 808577 | | 808576 | |
| Lactariidae | | | 808622 | |
| <i>Lactarius lactarius</i> | 808407 | | 808624 | |
| | 808576 | <i>Auxis thazard</i> | 805903 | |
| Leiognathidae | 808407 | <i>Euthynnus alletteratus</i> | 805903 | |
| <i>Gazza</i> | 808576 | | 807980 | |
| <i>Leiognathus</i> | 808576 | <i>Euthynnus pelamis</i> | 808278 | |
| Lutjanidae | 806751 | | 808282 | |
| <i>Lutjanus</i> | 806222 | | 808283 | |
| | 808631 | | 808364 | |
| <i>Lutjanus purpureus</i> | 806941 | <i>Rastrelliger kanagurta</i> | 808407 | |
| Mullidae | 808407 | <i>Sarda chiliensis</i> | 807190 | |
| | 808576 | <i>Sarda sarda</i> | 805903 | |
| <i>Mullus barbatus</i> | 805684 | <i>Scomber japonicus</i> | 803784 | |
| | 808200 | | 806755 | |
| Nemipteridae | | | 807190 | |
| <i>Nemipterus japonicus</i> | 805684 | | 808311 | |
| | 806755 | <i>Scomber scombrus</i> | 805327 | |
| Pentacerotidae | | | 808066 | |
| <i>Pentaceros richardsoni</i> | 808883 | | 808068 | |
| Percidae | 807557 | | 808122 | |
| | 808242 | <i>Scomberomorus cavalla</i> | 806942 | |
| <i>Perca flavescens</i> | 805641 | | 807980 | |
| | 807178 | | 808183 | |
| <i>Perca fluviatilis</i> | 807709 | | 808184 | |
| | 808458 | | 808187 | |
| <i>Stizostedion lucioperca</i> | 805446 | <i>Scomberomorus maculatus</i> | 806942 | |
| | 805805 | | 807980 | |
| | 807273 | | 808183 | |
| | 807646 | | 808184 | |
| | 808243 | | 808187 | |
| | 808458 | <i>Thunnus</i> | 806738 | |
| <i>Stizostedion vitreum</i> | 805641 | <i>Thunnus alalunga</i> | 806746 | |
| | 807178 | | 807030 | |
| Pomadasysidae | 806222 | | 807031 | |
| | 806751 | | 807190 | |
| <i>Pomadasys hasta</i> | 808407 | | 807225 | |
| | 808576 | | 807994 | |
| Pomatomidae | | | 808279 | |
| <i>Pomatomus saltatrix</i> | 807980 | | 808364 | |
| Rachycentridae | | | 808365 | |
| <i>Rachycentron canadum</i> | 808576 | | 808652 | |
| Sciaenidae | 806222 | <i>Thunnus albacares</i> | 806746 | |
| | 808407 | | 807030 | |
| | 808576 | | 807031 | |
| | 806751 | | 808279 | |
| Sparidae | 808464 | | 808280 | |
| <i>Aplodinotus grunniens</i> | 807190 | | 808281 | |
| <i>Cynoscion nobilis</i> | 804304 | | 808282 | |
| <i>Cynoscion petranus</i> | 807190 | | 808283 | |
| <i>Genyonemus lineatus</i> | 806755 | | 808652 | |
| <i>Johnius hololepidotus</i> | 804305 | | | |
| <i>Macrodon ancylodon</i> | | | | |

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|--------------------------------------|-------------------------------------|--------|-------------------------------|--------|
| Fishing and fisheries (continued) | <i>Thunnus obesus</i> | 806746 | <i>Atherina mochon</i> | 808300 |
| | | 808279 | | 808576 |
| Fishery statistics | <i>Thunnus thynnus</i> | 808283 | Belonidae | 808576 |
| | | 805903 | <i>Tylosurus strongylurus</i> | 808577 |
| | | 805931 | Exocoetidae | 808576 |
| | | 806746 | <i>Hemiramphus gaimardi</i> | 808577 |
| | | 807031 | Chirocentridae | |
| | | 807190 | <i>Chirocentrus</i> | 808576 |
| | | 807225 | Clupeidae | 806737 |
| | Trichiuridae | 808407 | | 807201 |
| | | 808576 | | 807910 |
| | | 808577 | | 808242 |
| | <i>Trichiurus lepturus</i> | 807980 | | 808576 |
| | Xiphiidae | | | 808577 |
| | <i>Xiphius gladius</i> | 805903 | | 808622 |
| | | 806618 | | 808624 |
| | | 806746 | <i>Alosa kessleri</i> | 807711 |
| | | 808279 | <i>Caspialosa kessleri</i> | 807679 |
| | Sphyraenoidei | 808407 | <i>Clupea harengus</i> | 805298 |
| | | 808576 | | 805301 |
| | <i>Sphyraena argentea</i> | 807190 | | 805302 |
| | <i>Sphyraena sphyraena</i> | 805684 | | 805303 |
| | | 806755 | | 805305 |
| | Centrolophidae | | | 805306 |
| | <i>Hyperoglyphe japonica</i> | 808883 | | 805308 |
| | Bothidae | 808375 | | 805310 |
| | <i>Paralichthys californicus</i> | 807190 | | 805311 |
| | | 808316 | | 805314 |
| | Cynoglossidae | 806751 | | 805315 |
| | | 808576 | | 805316 |
| | Pleuronectidae | 805949 | | 805318 |
| | | 807904 | | 805319 |
| | | 807910 | | 805321 |
| | | 807914 | | 805322 |
| | | 808316 | | 805644 |
| | | 808622 | | 805645 |
| | | 808624 | | 806432 |
| | <i>Hippoglossoides platessoides</i> | 808867 | | 807920 |
| | | 807106 | | 807922 |
| | <i>Hippoglossus hippoglossus</i> | 807417 | | 808047 |
| | | 805086 | | 808049 |
| | | 808073 | | 808050 |
| | <i>Hippoglossus stenolepis</i> | 808126 | | 808052 |
| | | 805644 | | 808053 |
| | | 805645 | | 808054 |
| | | 808159 | | 808055 |
| | <i>Lepidopsetta bilineata</i> | 807906 | | 808056 |
| | <i>Limanda aspera</i> | 804116 | | 808059 |
| | <i>Limanda limanda</i> | 808077 | | 808060 |
| | <i>Parophrys vetulus</i> | 805942 | | 808062 |
| | | 805947 | | 808101 |
| | <i>Platichthys flesus</i> | 805334 | | 808102 |
| | | 808077 | | 808103 |
| | <i>Pleuronectes platessa</i> | 805332 | | 808105 |
| | | 808077 | | 808106 |
| | <i>Reinhardtius hippoglossoides</i> | 807106 | | 808108 |
| | Soleidae | 808407 | | 808109 |
| | <i>Solea solea</i> | 808300 | | 808110 |
| | | 808375 | | 808111 |
| | Cottidae | | | 808112 |
| | <i>Scorpaenichthys marmoratus</i> | 807190 | | 808113 |
| | Cyclopteridae | | | 808114 |
| | <i>Cyclopterus lumpus</i> | 808073 | | 808116 |
| | Anoplopomatidae | | | 808117 |
| | <i>Anoplopoma fimbria</i> | 805947 | | 808119 |
| | | 807190 | | 808375 |
| | | 807910 | <i>Opisthonema</i> | 808646 |
| | | 807914 | <i>Opisthonema oglinum</i> | 804224 |
| | | 808316 | | 806217 |
| | | 808867 | | 807033 |
| | Hexagrammidae | 807910 | | 807980 |
| | <i>Ophiodon elongatus</i> | 805947 | <i>Sardina pilchardus</i> | 808298 |
| | | 807190 | | 808308 |
| | | 807914 | <i>Sardinella</i> | 806741 |
| | | 808316 | | 808310 |
| | Scorpaenidae | 808867 | <i>Sardinella anchovia</i> | 806217 |
| | | 805947 | | 807030 |
| | | 807910 | <i>Sardinella aurita</i> | 805684 |
| | | 808316 | | 805925 |
| | | 808622 | | 806755 |
| | | 808624 | <i>Sardinella eba</i> | 805925 |
| | <i>Scorpaena guttata</i> | 807190 | <i>Sardinella longiceps</i> | 807079 |
| | <i>Sebastes</i> | 807910 | | 808407 |
| | | 807914 | | 808573 |
| | | 808073 | | 808598 |
| | | 808375 | <i>Sardinops sagax</i> | 807528 |
| | | 808867 | | 808311 |
| | <i>Sebastes alutus</i> | 808867 | | 808319 |
| | <i>Sebastes marinus</i> | 808127 | <i>Sprattus sprattus</i> | 805323 |
| | <i>Sebastes mentella</i> | 808127 | | 805324 |
| | <i>Sebastes</i> | 805949 | | 808065 |
| | Triglidae | | | 808120 |
| | <i>Chelidonichthys kumu</i> | 808363 | | 808430 |

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|-------------------------------------|--------|---------------------------------|--------|-----------------------|
| Engraulidae | 808576 | Bregmacrotidae | | Fishing and fisheries |
| | 808577 | <i>Bregmaceros maclellandi</i> | 808407 | (continued) |
| <i>Cetengraulis edentulus</i> | 806217 | | 808576 | |
| <i>Cetengraulis mysticetus</i> | 808282 | Gadidae | 807106 | |
| | 808646 | | 807910 | |
| <i>Engraulis mordax</i> | 807528 | | 808375 | Fishery statistics |
| | 807888 | | 808622 | |
| | 807889 | | 808624 | |
| | 808311 | <i>Gadus macrocephalus</i> | 807914 | |
| <i>Engraulis ringens</i> | 808167 | | 808867 | |
| | 808380 | <i>Gadus morhua</i> | 805269 | |
| | 808382 | | 805274 | |
| | 808389 | | 805277 | |
| Anguilliformes | 808407 | | 805278 | |
| | 808576 | | 807541 | |
| Anguillidae | 808242 | | 807926 | |
| | 808622 | | 808033 | |
| | 808624 | | 808086 | |
| <i>Anguilla anguilla</i> | 807646 | | 808087 | |
| | 808243 | | 808088 | |
| | 808300 | <i>Melanogrammus aeglefinus</i> | 805274 | |
| | 808301 | | 807916 | |
| | 808305 | | 808090 | |
| | 808375 | | 808093 | |
| | 808671 | | 808094 | |
| Muraenesocidae | 808407 | | 808095 | |
| <i>Muraenesox talabonoides</i> | 808576 | | 808096 | |
| Megalopidae | | <i>Merlangius merlangus</i> | 808098 | |
| <i>Megalops atlantica</i> | 807980 | | 808099 | |
| Anostomidae | | | 808100 | |
| <i>Suprasirolepichthys laticeps</i> | 806222 | <i>Molva dypterygia</i> | 805084 | |
| Characidae | | <i>Molva molva</i> | 805084 | |
| <i>Alestes macrophthalmus</i> | 804392 | <i>Trisopterus luscus</i> | 807996 | |
| Prochilodontidae | | Merlucciidae | 807910 | |
| <i>Prochilodus reticulatus</i> | 806222 | <i>Merluccius bilinearis</i> | 808622 | |
| Catostomidae | | | 808624 | |
| <i>Carpiodes carpio</i> | 808464 | <i>Merluccius merluccius</i> | 805684 | |
| <i>Ictiobus bubalus</i> | 808464 | | 806755 | |
| <i>Ictiobus cyprinellus</i> | 808464 | | 807996 | |
| Cyprinidae | 805684 | | 808297 | |
| | 806755 | | 808308 | |
| | 808242 | | 808375 | |
| | 808577 | <i>Merluccius productus</i> | 807528 | |
| | 807646 | | 808316 | |
| <i>Abramis brama</i> | 807709 | Zoarcidae | | |
| <i>Barbus barbus</i> | 804074 | <i>Lycodes</i> | 807106 | |
| <i>Barbus brynni</i> | 808305 | Lophiidae | | |
| <i>Barbus paludinosus</i> | 803650 | <i>Lophius piscatorius</i> | 808375 | |
| <i>Cyprinus carpio</i> | 808243 | Chanidae | | |
| | 808301 | <i>Chanos chanos</i> | 808631 | |
| | 808458 | Esocidae | 808242 | |
| | 808464 | <i>Esox lucius</i> | 807200 | |
| <i>Leuciscus idus</i> | 807200 | | 808243 | |
| <i>Rutilus rutilus</i> | 808458 | Saigidae | 808458 | |
| <i>Tinca tinca</i> | 808243 | <i>Salangichthys microdon</i> | 806646 | |
| | 808301 | Harpadontidae | | |
| <i>Vimba vimba</i> | 807646 | <i>Harpadon nehereus</i> | 806064 | |
| Siluriformes | 807263 | | 808407 | |
| | 808242 | | 808576 | |
| | 808576 | | 808577 | |
| Ariidae | 806751 | Synodontidae | | |
| | 808577 | <i>Saurida undosquamis</i> | 805684 | |
| <i>Arius</i> | 804552 | | 806755 | |
| <i>Arius spixi</i> | 806222 | <i>Sauridab</i> | 808576 | |
| Bagridae | 808577 | Osmeridae | 808622 | |
| <i>Bagrus bayad</i> | 808305 | | 808624 | |
| Clariidae | | <i>Hypomesus olidus</i> | 806646 | |
| <i>Clarias</i> | 808305 | <i>Mallofus villosus</i> | 808073 | |
| <i>Clarias batrachus</i> | 808631 | | 808375 | |
| <i>Clarias lazera</i> | 805684 | Salmonidae | 803538 | |
| | 806755 | | 804309 | |
| <i>Clarias mossambicus</i> | 803650 | | 805641 | |
| Ictaluridae | | | 805644 | |
| <i>Ictalurus punctatus</i> | 808464 | | 805645 | |
| Mochokidae | | | 806175 | |
| <i>Synodontis</i> | 808305 | | 807190 | |
| Pangasiidae | | | 807201 | |
| <i>Pangasius pangasius</i> | 808572 | | 808242 | |
| | 807577 | | 808622 | |
| Plotosidae | | | 808624 | |
| <i>Plotosus canius</i> | 808577 | <i>Coregonus</i> | 808243 | |
| Schilbeidae | | <i>Coregonus autumnalis</i> | 807747 | |
| <i>Clupisoma garua</i> | 808577 | <i>Coregonus clupeaformis</i> | 807557 | |
| Siluridae | | <i>Oncorhynchus</i> | 803793 | |
| <i>Silurus glanis</i> | 808458 | <i>Oncorhynchus gorboscha</i> | 805678 | |
| <i>Wallagonia attu</i> | 808577 | <i>Oncorhynchus keta</i> | 808790 | |
| Sisoridae | | <i>Oncorhynchus masou</i> | 805678 | |
| <i>Bagarius bagarius</i> | 808577 | <i>Oncorhynchus nerka</i> | 806647 | |
| Gymnarchidae | | <i>Oncorhynchus tshawytscha</i> | 808658 | |
| <i>Gymnarchus niloticus</i> | 807263 | <i>Salmo</i> | 808243 | |
| Osteoglossidae | | <i>Salmo gairdneri</i> | 803793 | |
| <i>Heterotis niloticus</i> | 807263 | | | |

**Fishing and fisheries
(continued)**

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| <i>Salmo salar</i> | 805328 | <i>Paralabrax clathratus</i> | 807299 |
| | 805330 | | 807232 |
| | 807356 | <i>Stereolepis gigas</i> | 807190 |
| | 808071 | Scombridae | |
| | 808125 | <i>Sarda chiliensis</i> | 807190 |
| | 808375 | <i>Scomber japonicus</i> | 807190 |
| <i>Salmo trutta</i> | 806036 | <i>Thunnus alalunga</i> | 807190 |
| | 806414 | <i>Thunnus thynnus</i> | 807190 |
| <i>Salvelinus fontinalis</i> | 806034 | Sphyraenoidae | |
| | 806036 | <i>Sphyraena argentea</i> | 807190 |
| <i>Stenodus leucichthys</i> | 806835 | | 807232 |
| Fry | | Bothidae | |
| Mugiloidae | | <i>Paralichthys californicus</i> | 807190 |
| <i>Mugil</i> | 806893 | Pleuronectidae | 807190 |
| Chanidae | | Cottidae | |
| <i>Chanos chanos</i> | 806893 | <i>Scorpaenichthys marmoratus</i> | 807190 |
| Age class distribution | | Anoplopomatidae | |
| Serranidae | | <i>Anoplopoma fimbria</i> | 807190 |
| <i>Epinephelus morio</i> | 806260 | Hexagrammidae | |
| Bait fish | | <i>Ophiodon elongatus</i> | 807190 |
| Engraulidae | | Scorpenidae | |
| <i>Engraulis mordax</i> | 807892 | <i>Scorpaena guttata</i> | 807190 |
| Angling | | Sebastes | 807190 |
| Elasmobranchii | 807235 | Cyprinidae | |
| Teleostei | 807235 | <i>Cyprinus carpio</i> | 808464 |
| Labridae | | Italluridae | |
| <i>Tautoga onitis</i> | 807563 | <i>Itallurus melas</i> | 808464 |
| Mathematical population models | | <i>Itallurus natalis</i> | 807807 |
| Computer analysis | | <i>Itallurus punctatus</i> | 807807 |
| Gadidae | | | 808464 |
| <i>Gadus morhua</i> | 808928 | Hiodontidae | |
| Sampling in fisheries | | <i>Hiodon alosoides</i> | 808464 |
| | 807127 | Gadidae | |
| | 807371 | <i>Lota lota</i> | 808464 |
| Coryphaenidae | | Esocidae | |
| <i>Coryphaena hippurus</i> | 807783 | <i>Esoc lucius</i> | 804524 |
| Seasonal changes | | | 807895 |
| Cyprinidae | | | 808464 |
| <i>Rutilus rutilus</i> | 807673 | Salmonidae | 805990 |
| Maximum yield | | | 807190 |
| Standing crop | | | 807224 |
| Squalidae | | | 807236 |
| <i>Squalus acanthias</i> | 807470 | <i>Oncorhynchus kisutch</i> | 807838 |
| Pleuronectidae | 807470 | | 808526 |
| Anoplopomatidae | | <i>Oncorhynchus tshawytscha</i> | 807838 |
| <i>Anoplopoma fimbria</i> | 807470 | <i>Salmo gairdneri</i> | 806172 |
| Scorpenidae | | | 807778 |
| <i>Sebastes alutus</i> | 807470 | | 808526 |
| Gadidae | | <i>Salmo salar</i> | 807445 |
| <i>Gadus macrocephalus</i> | 807470 | | 807800 |
| <i>Theragra chalcogramma</i> | 807470 | | 807913 |
| Merlucciidae | | Distribution | 808735 |
| <i>Merluccius productus</i> | 807470 | | |
| Creel census | | Natural mortality | 807127 |
| Elasmobranchii | 807225 | | 807371 |
| | 807235 | | 807792 |
| Acipenseromorpha | | | 807887 |
| <i>Polyodon spathula</i> | 808464 | Percidae | |
| Teleostei | 807188 | <i>Stizostedion vitreum</i> | 807178 |
| | 807224 | | 808882 |
| | 807225 | Sciaenidae | |
| | 807232 | <i>Aplodinotus grunniens</i> | 806166 |
| | 807235 | <i>Cynoscion petranus</i> | 804304 |
| | 807236 | <i>Pseudotolithus elongatus</i> | 805648 |
| Labridae | | <i>Pseudotolithus senegalensis</i> | 805648 |
| <i>Pimelometopon pulchrum</i> | 807190 | <i>Pseudotolithus typus</i> | 805648 |
| <i>Tautoga onitis</i> | 807563 | Serranidae | |
| Carangidae | | <i>Serranus gigas</i> | 808309 |
| <i>Seriola dorsalis</i> | 807190 | Scombridae | |
| | 807232 | <i>Euthynnus pelamis</i> | 803621 |
| <i>Trachurus symmetricus</i> | 807190 | <i>Scomber scombrus</i> | 805327 |
| Centrarchidae | | <i>Scomberomorus cavalla</i> | 808187 |
| <i>Lepomis cyanellus</i> | 807807 | <i>Scomberomorus maculatus</i> | 808187 |
| <i>Lepomis gibbosus</i> | 805990 | <i>Thunnus albacares</i> | 804317 |
| <i>Lepomis macrochirus</i> | 807807 | Pleuronectidae | |
| | 808464 | <i>Hippoglossoides platessoides</i> | 807417 |
| <i>Lepomis microlophus</i> | 807807 | <i>Hippoglossus hippoglossus</i> | 805331 |
| <i>Micropterus salmoides</i> | 807807 | <i>Lepidopsetta bilineata</i> | 807906 |
| | 807810 | <i>Parophrys vetulus</i> | 805945 |
| | 808464 | | 805946 |
| <i>Pomoxis annularis</i> | 808464 | <i>Pseudopleuronectes americanus</i> | 807859 |
| <i>Pomoxis nigromaculatus</i> | 808464 | Clupeidae | |
| Coryphaenidae | | <i>Brevoortia tyrannus</i> | 805075 |
| <i>Coryphaena hippurus</i> | 807783 | <i>Sprattus sprattus</i> | 808459 |
| Percidae | | Engraulidae | |
| <i>Perca flavescens</i> | 808464 | <i>Cetengraulis mysticetus</i> | 808646 |
| <i>Stizostedion canadense</i> | 808464 | <i>Engraulis ringens</i> | 808389 |
| <i>Stizostedion vitreum</i> | 808464 | Pangasiidae | |
| Sciaenidae | | <i>Pangasius pangasius</i> | 808572 |
| <i>Aplodinotus grunniens</i> | 808464 | Gadidae | |
| <i>Cynoscion nobilis</i> | 807190 | <i>Gadus morhua</i> | 807541 |
| <i>Genyonemus lineatus</i> | 807190 | Merlucciidae | |
| Serranidae | | <i>Merluccius merluccius</i> | 808297 |
| <i>Paralabrax</i> | 807190 | | |

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|---------------------------------|--------|--------------------------------------|--------|-----------------------|
| Zoarctidae | | Change with age | | Fishing and fisheries |
| <i>Lycodopsis pacifica</i> | 807500 | Gobiidae | | (continued) |
| Argentinidae | | <i>Chaenogobius isaza</i> | 807948 | |
| <i>Argentina sphyraena</i> | 803868 | Geographic variation | | |
| Esocidae | | Gadidae | | |
| <i>Esos lucius</i> | 808802 | <i>Merlangius merlangus</i> | 807104 | |
| Salmonidae | 806617 | Reservoirs | | |
| <i>Coregonus autumnalis</i> | 807747 | Salmonidae | 806171 | |
| <i>Oncorhynchus gorbuscha</i> | 806411 | Migrations | | |
| <i>Oncorhynchus kisutch</i> | 807858 | Salmonidae | | |
| <i>Oncorhynchus tshawytscha</i> | 808658 | <i>Oncorhynchus gorbuscha</i> | 808923 | |
| <i>Salmo gairdneri</i> | 804234 | <i>Oncorhynchus nerka</i> | 808923 | |
| <i>Salmo salar</i> | 807440 | Insecticide pollutants | | |
| <i>Salmo trutta</i> | 804830 | Fry | | |
| | 806036 | Salmonidae | | |
| <i>Salvelinus alpinus</i> | 806989 | <i>Oncorhynchus kisutch</i> | 806532 | |
| <i>Salvelinus fontinalis</i> | 804234 | Marking and tagging | | |
| | 806034 | Salmonidae | | |
| | 806036 | <i>Salmo trutta</i> | 806253 | |
| Experimental analysis | | <i>Salvelinus alpinus</i> | 806253 | |
| Outdoor census and sampling | | Captive vs natural fishes | | |
| Salmonidae | | Juvenile | | |
| <i>Salmo salar</i> | 807459 | Salmonidae | | |
| Egg | | <i>Oncorhynchus masou</i> | 804953 | |
| Percidae | | Napthenic growth substance | | |
| <i>Stizostedion canadense</i> | 804525 | Larva | | |
| Clupeidae | | Experimental analysis | | |
| <i>Clupea harengus</i> | 806555 | Cyprinidae | | |
| Gadidae | | <i>Cyprinus carpio</i> | 807650 | |
| <i>Gadus morhua</i> | 805281 | Winter | | |
| Larva | | Seasonal changes | | |
| Cyprinidae | | Salmonidae | | |
| <i>Abramis brama</i> | 804433 | <i>Salvelinus fontinalis</i> | 807438 | |
| <i>Leuciscus idus</i> | 804433 | | | |
| <i>Rutilus rutilus</i> | 804433 | Fishing mortality | 807127 | |
| Fry | | | 807792 | |
| Salmonidae | | | 807887 | |
| <i>Oncorhynchus gorbuscha</i> | 804644 | | 809056 | |
| Young | | | 806559 | |
| Cyprinidae | | Teleostei | | |
| <i>Abramis brama</i> | 804433 | Anarthichadidae | | |
| <i>Leuciscus idus</i> | 804433 | Percidae | | |
| <i>Rutilus rutilus</i> | 804433 | <i>Perca fluviatilis</i> | 803627 | |
| Developing egg | | <i>Stizostedion canadense</i> | 808795 | |
| Clupeidae | | Sciaenidae | | |
| <i>Clupea harengus</i> | 808916 | <i>Cynoscion petranus</i> | 804304 | |
| Larva | | <i>Macrodon ancylodon</i> | 804305 | |
| Serranidae | | <i>Pseudosciaena coarctata</i> | 808586 | |
| <i>Morone mississippiensis</i> | 809041 | Serranidae | | |
| Salmonidae | 806016 | <i>Epinephelus morio</i> | 806260 | |
| <i>Oncorhynchus gorbuscha</i> | 806022 | Sparidae | | |
| <i>Oncorhynchus keta</i> | 806022 | <i>Chrysophrys major</i> | 804799 | |
| Young | | <i>Pagrus major</i> | 805625 | |
| Salmonidae | | Scombridae | | |
| <i>Oncorhynchus</i> | 807696 | <i>Euthynnus pelamis</i> | 803621 | |
| Juvenile | | | 808278 | |
| Salmonidae | | <i>Scomber scombrus</i> | 805327 | |
| <i>Oncorhynchus</i> | 808657 | <i>Scomberomorus cavalla</i> | 808187 | |
| Seasonal changes | | <i>Scomberomorus maculatus</i> | 808187 | |
| Clupeidae | | <i>Thunnus albacares</i> | 804317 | |
| <i>Sprattus sprattus</i> | 808307 | Pleuronectidae | | |
| Hydrostatics | | <i>Hippoglossoides platessoides</i> | 807417 | |
| Pleuronectidae | | <i>Hippoglossus hippoglossus</i> | 805331 | |
| <i>Platichthys flesus</i> | 807322 | <i>Lepidopsetta bilineata</i> | 807906 | |
| Engraulidae | | <i>Pseudopleuronectes americanus</i> | 807859 | |
| <i>Engraulis encrasicolus</i> | 807322 | <i>Reinhardtius hippoglossoides</i> | 807106 | |
| Larva | | Clupeidae | | |
| Clupeidae | | <i>Clupea harengus</i> | 807733 | |
| <i>Clupea harengus</i> | 805301 | Engraulidae | | |
| Salmonidae | | <i>Engraulis ringens</i> | 808167 | |
| <i>Oncorhynchus keta</i> | 807669 | | 808389 | |
| Critical period | | Pangasiidae | | |
| Larva | | <i>Pangasius pangasius</i> | 808572 | |
| Teleostei | 809081 | Gadidae | | |
| Fry | | <i>Gadus morhua</i> | 807541 | |
| Salmonidae | | Merlucciidae | | |
| <i>Oncorhynchus nerka</i> | 807355 | <i>Merluccius merluccius</i> | 808297 | |
| Juvenile | | Salmonidae | | |
| Salmonidae | 806035 | <i>Oncorhynchus kisutch</i> | 807858 | |
| Young | | <i>Oncorhynchus tshawytscha</i> | 806617 | |
| Salmonidae | | <i>Salmo gairdneri</i> | 808658 | |
| <i>Oncorhynchus nerka</i> | 807759 | <i>Salmo trutta</i> | 804234 | |
| | | <i>Salvelinus fontinalis</i> | 806172 | |
| Juvenile | | | 806036 | |
| Gadidae | | | 804234 | |
| <i>Gadus morhua</i> | 806783 | | 806036 | |
| Salmonidae | | Effect on fish | | |
| <i>Salmo salar</i> | 806029 | Selection effects | | |
| <i>Salmo trutta</i> | 806029 | Acipenseromorpha | 805087 | |
| <i>Salvelinus fontinalis</i> | 806030 | Teleostei | 805087 | |
| Reservoirs | | Natural mortality | | |
| Salmonidae | | Sciaenidae | | |
| <i>Oncorhynchus tshawytscha</i> | 806170 | <i>Pseudotolithus senegalensis</i> | 806750 | |
| | | Productivity | | |
| | | Computer analysis | 807353 | |

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|-----------------------------------|-------------------------------------|--------|--------------------------------------|--------|
| Fishing and fisheries (continued) | Recruitment | 807127 | Gadidae | |
| | Teleostei | 807887 | <i>Gadus macrocephalus</i> | 807470 |
| | Gobiidae | 807707 | <i>Theragra chalcogramma</i> | 807470 |
| | <i>Chaenogobius isaza</i> | 807948 | Merlucciidae | |
| | Sciaenidae | | <i>Merluccius productus</i> | 807470 |
| | <i>Pseudotolithus elongatus</i> | 805648 | Maximum yield | 807127 |
| | <i>Pseudotolithus senegalensis</i> | 805648 | | 807371 |
| | <i>Pseudotolithus typus</i> | 805648 | Teleostei | 807792 |
| | Sparidae | | Percidae | 808755 |
| | <i>Pagrus major</i> | 805625 | <i>Stizostedion lucioperca</i> | 803801 |
| | | 805627 | | 807273 |
| | Scombridae | | | 807707 |
| | <i>Thunnus albacares</i> | 804317 | Pleuronectidae | |
| | <i>Thunnus obesus</i> | 804118 | <i>Eopsetta jordani</i> | 808316 |
| | Pleuronectidae | | <i>Hippoglossoides platessoides</i> | 807417 |
| | <i>Hippoglossoides platessoides</i> | 807417 | <i>Microstomus pacificus</i> | 808316 |
| | <i>Hippoglossus stenolepis</i> | 808159 | <i>Parophrys vetulus</i> | 805946 |
| | <i>Lepidopsetta bilineata</i> | 807906 | | 808316 |
| | <i>Pleuronectes platessa</i> | 804331 | <i>Pseudopleuronectes americanus</i> | 807859 |
| | <i>Reinhardtius hippoglossoides</i> | 807106 | Anoplopomatidae | |
| | Clupeidae | | <i>Anoplopoma fimbria</i> | 808316 |
| | <i>Clupea harengus</i> | 805098 | Hexagrammidae | |
| | | 805301 | <i>Ophiodon elongatus</i> | 808316 |
| | <i>Clupeonella delicatula</i> | 807732 | Scorpaenidae | 808316 |
| | <i>Sardinella aurita</i> | 808012 | Clupeidae | |
| | <i>Sardinella eba</i> | 808012 | <i>Clupea harengus</i> | 807733 |
| | Cyprinidae | | Engraulidae | |
| | <i>Abramis brama</i> | 807238 | <i>Engraulis ringens</i> | 805574 |
| | Ariidae | | Cyprinidae | |
| | <i>Arius heudeloti</i> | 804552 | <i>Abramis brama</i> | 807707 |
| | Gadidae | | <i>Cyprinus carpio</i> | 807273 |
| | <i>Gadus morhua</i> | 805098 | Osmeridae | |
| | <i>Melanogrammus aeglefinus</i> | 805287 | <i>Osmerus eperlanus</i> | 807707 |
| | <i>Merlangius merlangus</i> | 807104 | Salmonidae | |
| | Salmonidae | | <i>Coregonus albus</i> | 807707 |
| | <i>Oncorhynchus nerka</i> | 807378 | <i>Coregonus autumnalis</i> | 807747 |
| | | 807665 | <i>Coregonus lavaretus</i> | 807707 |
| | <i>Salmo salar</i> | 807708 | <i>Oncorhynchus nerka</i> | 808659 |
| | Maximum yield | | Experimental analysis | |
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| | <i>Heterodontus francisci</i> | 807228 | Pleuronectidae | |
| | Teleostei | 806162 | <i>Hippoglossus stenolepis</i> | 808161 |
| | | 807228 | Fishery dynamics | |
| | | 808653 | Mathematical growth analysis | 807493 |
| | Clinidae | 807228 | Recruitment | |
| | Labridae | 807228 | Computer analysis | 808868 |
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| | <i>Micropterus salmoides</i> | 806162 | Anoplopomatidae | |
| | Embiotocidae | 807228 | <i>Anoplopoma fimbria</i> | 807470 |
| | Percidae | 807668 | Scorpaenidae | |
| | Pomacentridae | 807228 | <i>Sebastes alutus</i> | 807470 |
| | Serranidae | | Gadidae | |
| | <i>Paralabrax clathratus</i> | 807229 | <i>Gadus macrocephalus</i> | 807470 |
| | Scorpaenidae | 807228 | <i>Theragra chalcogramma</i> | 807470 |
| | Clupeidae | | Merlucciidae | |
| | <i>Dorosoma cepedianum</i> | 806162 | <i>Merluccius productus</i> | 807470 |
| | <i>Dorosoma petenense</i> | 806168 | Mathematical population models | |
| | Anguilliformes | 808653 | | 807518 |
| | Cyprinidae | 807668 | Clupeidae | |
| | <i>Abramis brama</i> | 807709 | <i>Sardinops sagax</i> | 807528 |
| | Myctophidae | 808653 | Engraulidae | |
| | Salmonidae | | <i>Engraulis mordax</i> | 807528 |
| | <i>Salmo gairdneri</i> | 807775 | Merlucciidae | |
| | <i>Salmo salar</i> | 805976 | <i>Merluccius productus</i> | 807528 |
| | <i>Salmo trutta</i> | 807775 | Computer analysis | |
| | <i>Salvelinus fontinalis</i> | 806034 | Teleostei | 807840 |
| | | 806972 | Scombridae | |
| | | 807775 | <i>Euthynnus pelamis</i> | 807854 |
| | | 807801 | <i>Thunnus obesus</i> | 807854 |
| | Gonostomatidae | 808653 | Gadidae | |
| | Fry | | <i>Gadus morhua</i> | 807840 |
| | Fast flowing streams | | Salmonidae | |
| | Salmonidae | | <i>Salvelinus fontinalis</i> | 807840 |
| | <i>Salmo salar</i> | 808149 | Productivity | |
| | Reservoirs | | | 804194 |
| | Change with age | | | 804297 |
| | | 806164 | | 804952 |
| | Clupeidae | 806164 | | 806483 |
| | Cyprinidae | | Teleostei | 807371 |
| | <i>Cyprinus carpio</i> | 806164 | | 805509 |
| | Computer analysis | 806164 | | 806129 |
| | Clupeidae | 806164 | | 806132 |
| | Outdoor census and sampling | | | 806160 |
| | Pleuronectidae | 807470 | | 806175 |
| | Anoplopomatidae | | | 807193 |
| | <i>Anoplopoma fimbria</i> | 807470 | | 807222 |
| | Scorpaenidae | | | 807701 |
| | <i>Sebastes alutus</i> | 807470 | | 807707 |
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| | 808308 | Artificial fertilization | Fishing and fisheries |
| | 808319 | Littoral zone | (continued) |
| | 808414 | Elasmobranchii | 808192 |
| | 808630 | Teleostei | 808192 |
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| <i>Gasterosteus aculeatus</i> | 807275 | Spawning channels | |
| Centrarchidae | | Salmonidae | |
| <i>Lepomis macrochirus</i> | 806162 | <i>Oncorhynchus nerka</i> | 808925 |
| <i>Micropterus salmoides</i> | 806162 | Hatchery productivity | |
| Percidae | | Salmonidae | |
| <i>Stizostedion vitreum</i> | 807178 | <i>Oncorhynchus nerka</i> | 808925 |
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| <i>Cottus gobio</i> | 806033 | Teleostei | 804468 |
| <i>Cottus perplexus</i> | 806992 | | |
| Clupeidae | | Lake and stream surveys | |
| <i>Dorosoma cepedianum</i> | 806162 | Teleostei | 808414 |
| Engraulidae | | Fisheries improvement | |
| <i>Engraulis ringens</i> | 805574 | | 803740 |
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| <i>Anguilla anguilla</i> | 806814 | | 805081 |
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| <i>Alestes macrophthalmus</i> | 804392 | | 806155 |
| Cyprinidae | | | 806156 |
| <i>Cyprinus carpio</i> | 806162 | | 806177 |
| | 806814 | | 806439 |
| Esocidae | | | 807096 |
| <i>Esox lucius</i> | 807870 | | 807792 |
| Plecoglossidae | | | 807793 |
| <i>Plecoglossus altivelis</i> | 806031 | | 807822 |
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| | 806035 | | 808448 |
| <i>Oncorhynchus gorbusha</i> | 804644 | | 808455 |
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| <i>Oncorhynchus keta</i> | 806022 | <i>Caspiomyzon wagneri</i> | 807755 |
| <i>Oncorhynchus kisutch</i> | 806024 | Elasmobranchii | 807983 |
| <i>Oncorhynchus nerka</i> | 806105 | Teleostei | 805360 |
| | 806617 | | 805661 |
| | 807275 | | 806123 |
| | 807424 | | 806150 |
| | 807665 | | 806151 |
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| | 808659 | | 806153 |
| <i>Salmo clarki</i> | 806992 | | 806154 |
| <i>Salmo gairdneri</i> | 806105 | | 806158 |
| <i>Salmo salar</i> | 806029 | | 806175 |
| <i>Salmo trutta</i> | 805813 | | 806739 |
| | 806029 | | 806813 |
| | 806033 | | 807707 |
| <i>Salvelinus alpinus</i> | 806989 | | 807983 |
| <i>Salvelinus fontinalis</i> | 806034 | | 808158 |
| | 806972 | | 808214 |
| <i>Salvelinus malma</i> | 807275 | | 808300 |
| Experimental analysis | | | 808319 |
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| <i>Salmo gairdneri</i> | 806032 | | 808613 |
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| Experimental analysis | 807819 | <i>Morone saxatilis</i> | 808713 |
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| Fishing and fisheries | Merlucciidae | |
| (continued) | <i>Merluccius productus</i> | 808312 |
| | Esocidae | |
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| | <i>Coregonus albus</i> | 807707 |
| | <i>Coregonus autumnalis</i> | 807747 |
| | <i>Coregonus peled</i> | 807668 |
| | <i>Oncorhynchus nerka</i> | 807759 |
| | <i>Salmo gairdneri</i> | 806172 |
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| | <i>Stizostedion lucioperca</i> | 807709 |
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| | <i>Morone saxatilis</i> | 804497 |
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| | <i>Thunnus alalunga</i> | 807190 |
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| | <i>Clupea harengus</i> | 805098 |
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| <i>Esox lucius</i> | | 807709 |
| Salmonidae | | 805641 |
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| <i>Salmo salar</i> | | 807780 |
| | | 808148 |
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| Effect on fish | | |
| Population genetics | | |
| Salmonidae | | 806038 |
| Maximum yield | | |
| Engraulidae | | |
| <i>Engraulis ringens</i> | | 808380 |
| Salmonidae | | |
| <i>Oncorhynchus nerka</i> | | 808659 |
| Fisheries improvement | | |
| Percidae | | |
| <i>Perca fluviatilis</i> | | 807646 |
| <i>Stizostedion lucioperca</i> | | 807646 |
| Anguillidae | | |
| <i>Anguilla anguilla</i> | | 807646 |
| Cyprinidae | | 807646 |
| Angling | | |
| Serranidae | | |
| <i>Morone saxatilis</i> | | 808713 |
| Overfishing | | 806439 |
| | | 807026 |
| Teleostei | | 806002 |
| | | 806538 |
| | | 808631 |
| | | 808755 |
| | | 809056 |
| Sciaenidae | | |
| <i>Cynoscion macdonaldi</i> | | 806000 |
| <i>Cynoscion petranus</i> | | 804304 |
| Sparidae | | |
| <i>Pagrus major</i> | | 805625 |
| Istiophoridae | | |
| <i>Makaira nigricans</i> | | 806746 |
| Scombridae | | |
| <i>Thunnus alalunga</i> | | 806746 |
| <i>Thunnus albacares</i> | | 806746 808401 |
| Clupeidae | | |
| <i>Brevoortia tyrannus</i> | | 805097 |
| <i>Sardinops caerulea</i> | | 805097 |
| <i>Sardinops sagax</i> | | 808319 |
| Merlucciidae | | |
| <i>Merluccius merluccius</i> | | 808297 |
| Chanidae | | |
| <i>Chanos chanos</i> | | 808631 |
| Salmonidae | | |
| <i>Coregonus autumnalis</i> | | 807747 |
| <i>Salmo salar</i> | | 808148 |
| Explosions underwater | | |
| Teleostei | | 806001 |
| Outdoor census and sampling | | |
| Coral reef | | |
| Teleostei | | 805066 |
| Lake improvement | | 806114 |
| Teleostei | | 809099 |
| Cyprinidae | | 807746 |
| <i>Cyprinus carpio</i> | | 808429 |
| Inorganics in water | | |
| Rate of growth | | |
| Salmonidae | | |
| <i>Salmo gairdneri</i> | | 806617 |
| Substratum | | |
| Reproduction | | |
| Cyprinidae | | |
| <i>Vimba vimba</i> | | 808249 |
| Reproduction | | |
| Esocidae | | |
| <i>Esox lucius</i> | | 807895 |
| Stream improvement | | 806114 |
| | | 808448 |
| Teleostei | | 808414 |
| | | 809099 |
| Percidae | | 807746 |
| Cyprinidae | | 807746 |
| Esocidae | | |
| <i>Esox lucius</i> | | 807746 |
| Salmonidae | | |
| <i>Coregonus</i> | | 807746 |
| <i>Salvelinus fontinalis</i> | | 806034 809099 |
| Substratum | | |
| Reproduction | | |
| Cyprinidae | | |
| <i>Vimba vimba</i> | | 808249 |

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|----------------------------------|--------|--|--------|-----------------------|
| Reproduction | | Population density | | Fishing and fisheries |
| Esocidae | | Centrarchidae | | (continued) |
| <i>Esox lucius</i> | 808174 | <i>Lepomis macrochirus</i> | 807807 | |
| Fishways | | Gut contents | | |
| Acipenseromorpha | 808432 | Centrarchidae | | |
| Teleostei | 806152 | <i>Micropterus salmoides</i> | 807807 | |
| Salmonidae | 805964 | Pollution abatement | | |
| | 806152 | Clupeidae | | |
| Experimental analysis | | <i>Alosa fallax</i> | 807198 | |
| Plecoglossidae | | Cyprinidae | 807198 | |
| <i>Plecoglossus altivelis</i> | 806590 | Osmeridae | | |
| Dams and barriers | | <i>Osmerus eperianus</i> | 807198 | |
| Acipenseromorpha | | Predator control | | |
| <i>Acipenser gueldenstaedtii</i> | 807727 | Teleostei | 806114 | |
| Experimental analysis | | Characidae | 807830 | |
| Serranidae | 808872 | <i>Serrasalmus</i> | 807053 | |
| Clupeidae | 808872 | Mammalia | | |
| Young | | Teleostei | 808874 | |
| Salmonidae | | Fish control agents | | |
| <i>Oncorhynchus</i> | 804672 | Petromyzontomorpha | | |
| <i>Salmo gairdneri</i> | 804672 | <i>Petromyzon marinus</i> | 807537 | |
| Spawning channels | | Cyprinidae | | |
| Salmonidae | 806175 | <i>Psychocheilus oregonensis</i> | 807868 | |
| <i>Oncorhynchus tshawytscha</i> | 806152 | <i>Psychocheilus umpqua</i> | 807868 | |
| | 808532 | Electric shocking | | |
| Natural mortality | | Cyprinidae | | |
| Experimental analysis | | <i>Psychocheilus oregonensis</i> | 806400 | |
| Salmonidae | | Coarse fish control | | |
| <i>Oncorhynchus nerka</i> | 807355 | Teleostei | 806114 | |
| Fry | | Centrarchidae | 809099 | |
| Salmonidae | | <i>Lepomis gibbosus</i> | 809099 | |
| <i>Oncorhynchus nerka</i> | 807355 | Cichlidae | 805990 | |
| Environment manipulation | | <i>Tilapia mossambica</i> | 809057 | |
| Temperature | | Percidae | 807668 | |
| Salmonidae | 808488 | <i>Perca fluviatilis</i> | 807709 | |
| Artificial incubation | | Cyprinodontidae | | |
| Experimental analysis | | <i>Fundulus diaphanus</i> | 805990 | |
| Salmonidae | | Clupeidae | | |
| <i>Oncorhynchus keta</i> | 808797 | <i>Dorosoma cepedianum</i> | 806169 | |
| <i>Oncorhynchus tshawytscha</i> | 808797 | | 809099 | |
| Artificial reefs | 803516 | <i>Dorosoma pseudoharengus</i> | 809099 | |
| Teleostei | 808620 | Catostomidae | | |
| | 808715 | <i>Catostomus latipinnis</i> | 809099 | |
| Egg laying | | Cyprinidae | 807668 | |
| Salmonidae | | <i>Abramis brama</i> | 807709 | |
| <i>Salvelinus namaycush</i> | 808528 | <i>Alburnus alburnus</i> | 807709 | |
| Impoundment manipulation | 806156 | <i>Carassius auratus</i> | 805990 | |
| | 806164 | <i>Rutilus rutilus</i> | 807709 | |
| | 806177 | Salmonidae | | |
| Teleostei | 804773 | <i>Coregonus autumnalis</i> | 807747 | |
| | 806123 | <i>Prosopium williamsoni</i> | 809099 | |
| | 806150 | Impoundment manipulation | | |
| | 806151 | Centrarchidae | | |
| | 806152 | <i>Lepomis macrochirus</i> | 807807 | |
| | 806153 | Artificial propagation and planting | | |
| | 806154 | Teleostei | 806114 | |
| | 809099 | | 805550 | |
| Centrarchidae | | | 806154 | |
| <i>Lepomis macrochirus</i> | 803985 | Mugiloidae | 805684 | |
| <i>Micropterus salmoides</i> | 803985 | <i>Mugil capito</i> | 806755 | |
| Percidae | | <i>Mugil cephalus</i> | 806755 | |
| <i>Stizostedion vitreum</i> | 803985 | Centrarchidae | | |
| Clupeidae | | <i>Micropterus salmoides</i> | 803985 | |
| <i>Dorosoma cepedianum</i> | 806169 | Cichlidae | | |
| Cyprinidae | 807746 | <i>Tilapia aurea</i> | 805684 | |
| <i>Cyprinus carpio</i> | 803985 | | 806755 | |
| Ictaluridae | | <i>Tilapia galilaea</i> | 805684 | |
| <i>Ictalurus punctatus</i> | 803985 | | 806755 | |
| Esocidae | | Percidae | | |
| <i>Esox lucius</i> | 803985 | <i>Stizostedion vitreum</i> | 803834 | |
| Salmonidae | 806152 | | 803985 | |
| Effect on fish | | Serranidae | | |
| Rate of growth | | <i>Morone saxatilis</i> | 806771 | |
| Cyprinidae | | <i>Percichthys</i> | 805549 | |
| <i>Vancorhinus capota</i> | 807734 | Sparidae | | |
| Temperature | 806155 | <i>Pagrus major</i> | 805624 | |
| Oxygen | | | 805625 | |
| Teleostei | 806158 | | 805627 | |
| Water movement | | Clupeidae | | |
| Temperature | | <i>Alosa sapidissima</i> | 808872 | |
| Centrarchidae | 806173 | Ictaluridae | | |
| Salmonidae | 806173 | <i>Ictalurus punctatus</i> | 803985 | |
| Oxygen | | | 804402 | |
| Centrarchidae | 806173 | Gadidae | | |
| Salmonidae | 806173 | <i>Gadus morhua</i> | 806783 | |
| Crustacea | | Esocidae | | |
| Salmonidae | | <i>Esox lucius</i> | 803985 | |
| <i>Salmo trutta</i> | 806259 | Salmonidae | 803537 | |
| Drawdown | | | 804104 | |
| Effect on fish | | | 805644 | |
| Rate of growth | | | 808526 | |
| Centrarchidae | | <i>Coregonus autumnalis</i> | 807747 | |
| <i>Micropterus salmoides</i> | 807807 | <i>Coregonus peled</i> | 808353 | |
| | | <i>Oncorhynchus</i> | 803793 | |

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|--------------------------------------|---------------------------------|--------|----------------------------------|--|--------|
| Fishing and fisheries (continued) | <i>Oncorhynchus gorbusha</i> | 806643 | Centropomidae | | |
| | <i>Oncorhynchus keta</i> | 806646 | <i>Lates niloticus</i> | | 805378 |
| | <i>Oncorhynchus kisutch</i> | 803983 | | | 808968 |
| | | 805641 | Cichlidae | | |
| | <i>Oncorhynchus nerka</i> | 807838 | <i>Cichla</i> | | 805729 |
| | | 805641 | <i>Tilapia</i> | | 807193 |
| | | 806647 | <i>Tilapia grahami</i> | | 806107 |
| | <i>Oncorhynchus tshawytscha</i> | 805641 | <i>Tilapia mossambica</i> | | 803513 |
| | | 807838 | | | 806780 |
| | <i>Salmo clarki</i> | 808138 | | | 806934 |
| | <i>Salmo gairdneri</i> | 803793 | | | 807244 |
| | | 804309 | Percidae | | |
| | | 804726 | <i>Stizostedion lucioperca</i> | | 806844 |
| | | 805990 | | | 806845 |
| | <i>Salmo salar</i> | 806845 | <i>Stizostedion vitreum</i> | | 808464 |
| | | 805975 | Serranidae | | |
| | | 806028 | <i>Morone chrysops</i> | | 808464 |
| | | 806029 | <i>Morone saxatilis</i> | | 803513 |
| | <i>Salmo trutta</i> | 807780 | | | 803565 |
| | | 803984 | <i>Morone saxatilis X</i> | | 803673 |
| | | 804309 | <i>Morone chrysops X</i> | | |
| | | 804688 | <i>Percalates colonorum</i> | | 803712 |
| | | 805990 | <i>Percalates novemaculeatus</i> | | 808626 |
| | <i>Salvelinus fontinalis</i> | 806506 | <i>Plectroplites ambiguus</i> | | 808626 |
| | | 804309 | | | 805113 |
| | | 805990 | Soleidae | | 808310 |
| | | 805645 | <i>Solea solea</i> | | 808300 |
| | <i>Salvelinus namaycush</i> | 805641 | Atherinidae | | |
| | <i>Salvelinus namaycush X</i> | | <i>Basilichthys bonariensis</i> | | 806845 |
| | <i>Salvelinus fontinalis X</i> | 805641 | Poeciliidae | | |
| | | 805645 | <i>Gambusia affinis</i> | | 803513 |
| Experimental analysis | | | Clupeidae | | |
| Salmonidae | | | <i>Alosa pseudoharengus</i> | | 803513 |
| <i>Salmo gairdneri</i> | 804234 | | | | 807863 |
| <i>Salmo salar</i> | 807459 | | <i>Dorosoma petenense</i> | | 803513 |
| <i>Salvelinus fontinalis</i> | 804234 | | <i>Limnothrissa miodon</i> | | 807193 |
| Effect on fish | | | Anguillidae | | |
| Population genetics | | | <i>Anguilla anguilla</i> | | 808300 |
| Salmonidae | 806038 | | Cyprinidae | | 807746 |
| Population changes | | | <i>Carla carla</i> | | 808421 |
| Salmonidae | | | <i>Cirrhina mrigala</i> | | 808421 |
| <i>Salmo salar</i> | 807708 | | <i>Ctenopharyngodon idella</i> | | 806845 |
| Home range and homing | | | <i>Cyprinus carpio</i> | | 805113 |
| Salmonidae | | | | | 806844 |
| <i>Salmo gairdneri</i> | 807778 | | | | 807668 |
| Migrations | | | | | 808429 |
| Salmonidae | | | <i>Labeo rohita</i> | | 808421 |
| <i>Salmo gairdneri</i> | 807778 | | <i>Notropis petersoni</i> | | 803513 |
| Reservoirs | | | <i>Tinca tinca</i> | | 806844 |
| Salmonidae | 806171 | | Ictaluridae | | |
| <i>Salmo gairdneri</i> | 806172 | | <i>Ictalurus melas</i> | | 806844 |
| Prophylactic treatment | | | <i>Ictalurus punctatus</i> | | 803531 |
| Cyprinidae | | | <i>Pylodictus olivaris</i> | | 808720 |
| <i>Cyprinus carpio</i> | 805545 | | Esocidae | | |
| <i>Tinca tinca</i> | 805545 | | <i>Esox lucius</i> | | 808464 |
| Salmonidae | 805545 | | Osmeridae | | |
| Natural mortality | | | <i>Hypomesus transpacificus</i> | | 807118 |
| Experimental analysis | | | Salmonidae | | 807110 |
| Salmonidae | | | | | 807358 |
| <i>Oncorhynchus tshawytscha</i> | 807879 | | <i>Coregonus</i> | | 806844 |
| <i>Salmo salar</i> | 808149 | | | | 807200 |
| <i>Salvelinus namaycush</i> | 807501 | | <i>Coregonus peled</i> | | 807668 |
| Population density | | | | | 808241 |
| Salmonidae | | | <i>Hucho hucho</i> | | 807222 |
| <i>Salmo salar</i> | 808149 | | <i>Oncorhynchus</i> | | 806506 |
| Mathematical population models | | | <i>Oncorhynchus gorbusha</i> | | 806411 |
| Fisheries improvement | 807645 | | <i>Oncorhynchus keta</i> | | 805229 |
| Air drop | | | <i>Oncorhynchus kisutch</i> | | 804694 |
| Biochemical blood constituents | | | | | 806650 |
| Salmonidae | | | <i>Oncorhynchus nerka</i> | | 808464 |
| <i>Salvelinus fontinalis</i> | 807802 | | <i>Oncorhynchus tshawytscha</i> | | 806650 |
| Stress reactions | | | <i>Salmo gairdneri</i> | | 804688 |
| Salmonidae | | | | | 805113 |
| <i>Salvelinus fontinalis</i> | 807802 | | | | 806123 |
| | | | | | 806780 |
| Introduction for fishery | | | | | 806844 |
| Acipenseromorpha | 808432 | | | | 808464 |
| <i>Acipenser gueldenstaedti X</i> | | | <i>Salmo salar</i> | | 807863 |
| <i>Acipenser ruthenus X</i> | 808425 | | <i>Salmo trutta</i> | | 806506 |
| <i>Huso huso X</i> | 808425 | | | | 806780 |
| <i>Acipenser ruthenus X</i> | 806123 | | <i>Salvelinus fontinalis</i> | | 806506 |
| Teleostei | 807358 | | | | 806844 |
| | | | | | 807222 |
| Belontiidae | | | | | 807540 |
| <i>Trichogaster pectoralis</i> | 805113 | | <i>Salvelinus namaycush</i> | | 808464 |
| Osphronemidae | | | <i>Thymallus arcticus</i> | | 804728 |
| <i>Osphronemus goramy</i> | 805113 | | | | |
| Mugiloidae | 808300 | | Fish culture | | |
| | 808310 | | Acipenseromorpha | | 806861 |
| Centrarchidae | 803513 | | Teleostei | | 808681 |
| <i>Lepomis gibbosus</i> | 806844 | | Captive vs natural fishes | | |
| <i>Micropterus salmoides</i> | 805957 | | Availability and use of food | | |
| | 806814 | | Cyprinidae | | |
| | 806844 | | <i>Cyprinus carpio</i> | | 807690 |

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|---------------------------------|--------|------------------------------------|--------|-----------------------------|
| Habitat destruction | 803928 | <i>Cottus poeciliopus</i> | 805199 | Conservation of fish |
| Petromyzontomorpha | 804828 | Population changes | | |
| <i>Lampetra fluviatilis</i> | 806844 | Percidae | | |
| Acipenseromorpha | 807198 | <i>Perca fluviatilis</i> | 808458 | |
| Teleostei | 806844 | <i>Sizostedion lucioperca</i> | 808458 | |
| | 806538 | Cyprinidae | 808458 | |
| | 806780 | Siluridae | | |
| | 806817 | <i>Silurus glanis</i> | 808458 | |
| | 807268 | Esocidae | | |
| Percidae | 803895 | <i>Esox lucius</i> | 808458 | |
| | 805647 | Migrations | | |
| Pleuronectidae | 807198 | Petromyzontomorpha | | |
| <i>Platichthys flesus</i> | 806844 | <i>Caspionyzon wagneri</i> | 807755 | |
| Cottidae | | Salmonidae | | |
| <i>Cottus gobio</i> | 806844 | <i>Oncorhynchus tshawytscha</i> | 807809 | |
| Clupeidae | | | 807841 | |
| <i>Alosa fallax</i> | 806844 | Reproduction | | |
| | 807198 | Salmonidae | | |
| Megalopidae | | <i>Coregonus</i> | 808145 | |
| <i>Megalops atlantica</i> | 807295 | Habitat destruction | | |
| | 808813 | Salmonidae | | |
| Catostomidae | 803895 | <i>Coregonus</i> | 808145 | |
| <i>Chasmistes cujus</i> | 808138 | Fishways | | |
| <i>Pantosteus delphinus</i> | 807090 | Experimental analysis | | |
| <i>Xyzauchen texanus</i> | 807090 | Salmonidae | | |
| Cyprinidae | 803895 | <i>Oncorhynchus</i> | 807875 | |
| | 807198 | <i>Salmo gairdneri</i> | 807875 | |
| | 808984 | Juvenile | | |
| <i>Gila robusta</i> | 807090 | Salmonidae | | |
| <i>Gobio gobio</i> | 806844 | <i>Oncorhynchus</i> | 807875 | |
| <i>Leuciscus souffia</i> | 806844 | <i>Salmo gairdneri</i> | 807875 | |
| <i>Phoxinus phoxinus</i> | 806844 | | | |
| <i>Psychoccheilus lucius</i> | 807090 | Entrainment | | |
| Siluridae | | Light | | |
| <i>Silurus glanis</i> | 805232 | Experimental analysis | | |
| Esocidae | | Percidae | | |
| <i>Esox lucius</i> | 806844 | <i>Perca fluviatilis</i> | 807672 | |
| Osmeridae | | Cyprinidae | 807672 | |
| <i>Osmerus eperlanus</i> | 807198 | | 803768 | |
| Salmonidae | | Habitat pollution | 805450 | |
| <i>Coregonus</i> | 806844 | | 806439 | |
| <i>Salmo clarki</i> | 808138 | Squalidae | 807096 | |
| <i>Salmo salar</i> | 805976 | <i>Squalus acanthias</i> | 807060 | |
| | 807198 | Teleostei | 807557 | |
| <i>Salmo trutta</i> | 805976 | Percidae | 807557 | |
| | 806844 | Clupeidae | | |
| <i>Salvelinus alpinus</i> | 806844 | <i>Clupea harengus</i> | 807060 | |
| <i>Salvelinus timagamiensis</i> | 806044 | Cyprinidae | 806659 | |
| <i>Thymallus thymallus</i> | 806844 | Salmonidae | | |
| Effect on fish | | <i>Coregonus autumnalis</i> | 807747 | |
| Seaweeds | | <i>Salmo gairdneri</i> | 806659 | |
| Teleostei | 807231 | <i>Salmo salar</i> | 807060 | |
| | 807232 | <i>Salmo trutta</i> | 806659 | |
| Carangidae | | Effect on fish | | |
| <i>Seriola dorsalis</i> | 807232 | Teleostei | 807233 | |
| Serranidae | | Gobiidae | | |
| <i>Paralabrax clathratus</i> | 807232 | <i>Rhinogobius brunneus</i> | 806593 | |
| Sphyraenoidi | | <i>Tukugobius flumineus</i> | 806593 | |
| <i>Sphyræna argentea</i> | 807232 | Anguillidae | | |
| Fishery statistics | | <i>Anguilla japonica</i> | 806593 | |
| Teleostei | 807232 | Cyprinidae | | |
| Carangidae | | <i>Carassius carassius</i> | 806593 | |
| <i>Seriola dorsalis</i> | 807232 | <i>Zacco platypus</i> | 806593 | |
| Serranidae | | <i>Zacco temmincki</i> | 806593 | |
| <i>Paralabrax clathratus</i> | 807232 | Plecoglossidae | | |
| Sphyraenoidi | | <i>Plecoglossus altivelis</i> | 806593 | |
| <i>Sphyræna argentea</i> | 807232 | Coefficient of condition | | |
| Lotic waters | | Catostomidae | | |
| Temperature | 807361 | <i>Catostomus catostomus</i> | 808486 | |
| Organic pollutants | | <i>Catostomus commersoni</i> | 808486 | |
| Silt pollutants | | Infectious and parasitic disorders | | |
| Salmonidae | 808155 | Catostomidae | | |
| Logging | | <i>Catostomus catostomus</i> | 808486 | |
| Salmonidae | | <i>Catostomus commersoni</i> | 808486 | |
| <i>Oncorhynchus kisutch</i> | 806037 | <i>Catostomus platyrhynchus</i> | 808486 | |
| <i>Salmo clarki</i> | 806037 | Littoral zone | | |
| Dams and barriers | | Elasmobranchii | 808716 | |
| Petromyzontomorpha | | Teleostei | 808716 | |
| <i>Petromyzon marinus</i> | 805642 | Brackish environment | | |
| Acipenseromorpha | 808432 | Gasterosteidae | | |
| Teleostei | 806152 | <i>Gasterosteus aculeatus</i> | 808751 | |
| Sciaenidae | | Gobiidae | | |
| <i>Cynoscion macdonaldi</i> | 806000 | <i>Chaparrado flavescens</i> | 808751 | |
| Salmonidae | 805964 | Pleuronectidae | | |
| Effect on fish | 806641 | <i>Platichthys flesus</i> | 808751 | |
| Juvenile | | Habitat eutrophication | 806161 | |
| Salmonidae | | Teleostei | 806154 | |
| <i>Oncorhynchus tshawytscha</i> | 807809 | | 808250 | |
| Reservoirs | | Cyprinidae | 808984 | |
| Salmonidae | | Effect on fish | | |
| <i>Oncorhynchus tshawytscha</i> | 807841 | Teleostei | 806651 | |
| Water movement | | Population changes | | |
| Cottidae | | Percidae | | |
| <i>Cottus gobio</i> | 805199 | <i>Perca fluviacens</i> | 806650 | |

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|-------------------------------------|------------------------------|--------|--------------------------------------|--|--------|
| Conservation of fish (continued) | <i>Stizostedion</i> | 806650 | Heart | | |
| | Sciaenidae | | Salmonidae | | |
| | <i>Aplodinotus grunniens</i> | 806650 | <i>Salmo gairdneri</i> | | 806988 |
| | Salmonidae | | Hydrogen sulfide | | |
| | <i>Coregonus</i> | 806650 | Effect on fish | | |
| Oxygen deficiencies in habitat | | | Developing egg | | |
| Effect on fish | | | Esocidae | | |
| Clariidae | | | <i>Esox lucius</i> | | 809038 |
| <i>Clarias batrachus</i> | 804572 | | Fry | | |
| Spleen | | | Esocidae | | |
| Cyprinidae | | | <i>Esox lucius</i> | | 809038 |
| <i>Cyprinus carpio</i> | 808227 | | Lethal environmental limits | | |
| Gas transport by blood | | | Salmonidae | | |
| Ictaluridae | | | <i>Oncorhynchus nerka</i> | | 808155 |
| <i>Ictalurus nebulosus</i> | 804369 | | Avoidance responses | | |
| Kidney | | | Salmonidae | | |
| Cyprinidae | | | <i>Salvelinus fontinalis</i> | | 806982 |
| <i>Cyprinus carpio</i> | 808227 | | Alkali pollutants | | |
| Fish kill | | | Effect on fish | | |
| Teleostei | 808250 | | Lethal environmental limits | | |
| Collecting fish | | | Centrarchidae | | 808814 |
| Experimental analysis | | | Lethal environmental limits | | |
| Centrarchidae | 808537 | | Experimental analysis | | |
| Ictaluridae | 808537 | | Cyprinidae | | |
| Fish cultural methodology | | | <i>Carassius auratus</i> | | 804467 |
| Centrarchidae | 808537 | | Acid pollutants | | |
| Ictaluridae | 808537 | | Effect on fish | | |
| Heat pollution | 803575 | | Gills | | |
| Effect on fish | 804416 | | Salmonidae | | |
| Elasmobranchii | 807332 | | <i>Salvelinus fontinalis</i> | | 806947 |
| Teleostei | 804852 | | Erythrocytes | | |
| | 806636 | | Salmonidae | | |
| | 807332 | | <i>Salvelinus fontinalis</i> | | 806948 |
| | 808926 | | Gas transport by blood | | |
| Cyprinidae | 806640 | | Salmonidae | | |
| Salmonidae | 806639 | | <i>Salvelinus fontinalis</i> | | 806948 |
| | 806640 | | Liver | | |
| <i>Oncorhynchus tshawytscha</i> | 806873 | | Salmonidae | | |
| <i>Salmo gairdneri</i> | 806873 | | <i>Salvelinus fontinalis</i> | | 806946 |
| Experimental analysis | 806874 | | Lethal environmental limits | | |
| | 806875 | | Centrarchidae | | 808814 |
| Migrations | | | Heavy metal pollutants | | |
| Salmonidae | | | Effect on fish | | |
| <i>Oncorhynchus</i> | 806638 | | Epizootics | | |
| <i>Salmo gairdneri</i> | 806638 | | Catostomidae | | |
| Reproduction | | | <i>Catostomus commersoni</i> | | 807869 |
| Salmonidae | | | Salmonidae | | |
| <i>Oncorhynchus</i> | 806638 | | <i>Salmo salar</i> | | 807869 |
| <i>Salmo gairdneri</i> | 806638 | | Bacterial diseases | | |
| Rate of growth | | | Catostomidae | | |
| Effect on fish | 803740 | | <i>Catostomus commersoni</i> | | 807869 |
| Habitat preservation | | | Salmonidae | | |
| Acipenseromorpha | 805905 | | <i>Salmo salar</i> | | 807869 |
| Teleostei | 805905 | | Aquaria and water systems | | |
| Artificial rearing environments | | | Teleostei | | 804665 |
| Fish cultural methodology | | | Pollutant content | | |
| Anguillidae | | | Teleostei | | 806883 |
| <i>Anguilla anguilla</i> | 808696 | | Fish kill | | |
| Cyprinidae | | | Reservoirs | | |
| <i>Cyprinus carpio</i> | 808696 | | Salmonidae | | 806157 |
| Salmonidae | | | Arsenic | | |
| <i>Salmo gairdneri</i> | 808696 | | Description and occurrence | | |
| Bibliography | 806676 | | Teleostei | | 806914 |
| Water pollutants | | | Effect on fish | | |
| Teleostei | 803514 | | Pancreatic islets | | |
| Effect on fish | 804259 | | Cottidae | | |
| Population diversity | | | <i>Myoxocephalus scorpius</i> | | 807963 |
| Teleostei | | | Cadmium | | |
| Kraft mill effluents | 805375 | | Effect on fish | | |
| Effect on fish | | | Pancreatic islets | | |
| Teleostei | 808950 | | Cottidae | | |
| Hemoglobin | | | <i>Myoxocephalus scorpius</i> | | 807963 |
| Salmonidae | 808949 | | Copper | | |
| Lethal environmental limits | | | Effect on fish | | |
| Salmonidae | 808949 | | Pleuronectidae | | |
| Breathing | | | <i>Pseudopleuronectes americanus</i> | | 807524 |
| Salmonidae | 808949 | | Gills | | |
| Lethal environmental limits | | | Salmonidae | | |
| Young | | | <i>Salvelinus fontinalis</i> | | 806982 |
| Salmonidae | | | Developing egg | | |
| <i>Salmo salar</i> | 805192 | | Cyprinidae | | |
| Poisonous gas pollutants | | | <i>Pimephales promelas</i> | | 807504 |
| Chlorine | | | Rate of growth | | |
| Effect on fish | | | Cyprinidae | | |
| Avoidance responses | | | <i>Pimephales promelas</i> | | 807504 |
| Salmonidae | | | Lethal environmental limits | | |
| <i>Salvelinus fontinalis</i> | 806982 | | Serranidae | | |
| Cyanide | | | <i>Morone saxatilis</i> | | 808509 |
| Effect on fish | | | Cyprinidae | | |
| Lateral line | | | <i>Pimephales promelas</i> | | 807504 |
| Salmonidae | | | Avoidance responses | | |
| <i>Salmo gairdneri</i> | 806988 | | Salmonidae | | |
| | | | <i>Salvelinus fontinalis</i> | | 806982 |

| | | | Conservation of fish (continued) | |
|------------------------------|--------|--|-------------------------------------|--------|
| Iron | | | | |
| Effect on fish | | | Lethal environmental limits | |
| Experimental analysis | | | Developing egg | |
| Cyprinidae | | | Salmonidae | |
| <i>Carassius auratus</i> | 805377 | | <i>Salmo gairdneri</i> | 803908 |
| Gills | | | Fry | |
| Cyprinidae | | | Salmonidae | |
| <i>Carassius auratus</i> | 807952 | | <i>Salmo gairdneri</i> | 803908 |
| Gut | | | Cyanide | |
| Cyprinidae | | | Effect on fish | |
| <i>Carassius auratus</i> | 807952 | | Carcharinidae | |
| | | | <i>Negaprion brevirostris</i> | 805018 |
| Lead | | | Lethal environmental limits | |
| Effect on fish | | | Experimental analysis | |
| Rate of growth | | | Poeciliidae | |
| Salmonidae | | | <i>Poecilia reticulata</i> | 808921 |
| <i>Salvelinus fontinalis</i> | 807505 | | Fluorescent dyes | |
| Pollutant content | | | Lethal environmental limits | |
| Experimental analysis | | | Centrarchidae | |
| Salmonidae | | | <i>Lepomis macrochirus</i> | 808534 |
| <i>Salmo gairdneri</i> | 805442 | | Ictaluridae | |
| Mercury | | | <i>Ictalurus punctatus</i> | 808534 |
| Experimental analysis | | | Salmonidae | |
| Teleostei | 804510 | | <i>Salmo gairdneri</i> | 808534 |
| Effect on fish | | | Kraft mill effluents | |
| Teleostei | 804465 | | Salinity | |
| Gills | | | Lethal environmental limits | |
| Salmonidae | | | Teleostei | 808554 |
| <i>Salmo gairdneri</i> | 807828 | | Cottidae | |
| Lethal environmental limits | | | <i>Oligocottus snyderi</i> | 808554 |
| Salmonidae | | | Nicotine | |
| <i>Salmo gairdneri</i> | 807828 | | Effect on fish | |
| Pollutant content | | | Carcharinidae | |
| Experimental analysis | | | <i>Negaprion brevirostris</i> | 805018 |
| Salmonidae | 808552 | | Barbels | |
| Intermediary metabolism | | | Heteropneustidae | |
| Experimental analysis | | | <i>Heteropneustes fossilis</i> | 808519 |
| Salmonidae | 808552 | | PCP | |
| Tin | | | Lethal environmental limits | |
| Pollutant content | | | Experimental analysis | |
| Experimental analysis | | | Cobitidae | |
| Cyprinidae | | | <i>Misgurnus anguillicaudatus</i> | 805570 |
| <i>Carassius auratus</i> | 805443 | | Pentachlorophenol | |
| Zinc | | | Effect on fish | |
| Effect on fish | | | Carbohydrate metabolism | |
| Developing egg | | | Cichlidae | |
| Cobitidae | | | <i>Cichlasoma bimaculatum</i> | 809033 |
| <i>Misgurnus fossilis</i> | 808343 | | Fry | |
| Cyprinidae | | | Salmonidae | |
| <i>Cyprinus carpio</i> | 807735 | | <i>Salmo gairdneri</i> | 809036 |
| | 808343 | | Lethal environmental limits | |
| <i>Pimephales promelas</i> | 807804 | | Salmonidae | |
| Larva | | | <i>Salmo gairdneri</i> | 809036 |
| Cobitidae | | | Phenol | |
| <i>Misgurnus fossilis</i> | 808343 | | Effect on fish | |
| Cyprinidae | | | Axial skeletal muscles | |
| <i>Cyprinus carpio</i> | 807735 | | Cyprinidae | |
| | 808343 | | <i>Abramis brama</i> | 805456 |
| Fry | | | Gills | |
| Cyprinidae | | | Cyprinidae | |
| <i>Pimephales promelas</i> | 807804 | | <i>Abramis brama</i> | 805456 |
| Reproduction | | | Circulatory system | |
| Cyprinidae | | | Cyprinidae | |
| <i>Pimephales promelas</i> | 807804 | | <i>Abramis brama</i> | 805456 |
| Body content | | | Biochemical blood constituents | |
| Egg | | | Cyprinidae | |
| Cyprinidae | | | <i>Cyprinus carpio</i> | 805455 |
| <i>Cyprinus carpio</i> | 808356 | | Immunological reactions | |
| Sperm | | | Cyprinidae | |
| Cyprinidae | | | <i>Cyprinus carpio</i> | 805455 |
| <i>Cyprinus carpio</i> | 808356 | | Gut | |
| Lethal environmental limits | | | Cyprinidae | |
| Salmonidae | | | <i>Abramis brama</i> | 805456 |
| <i>Salmo gairdneri</i> | 805955 | | Fecundity | |
| Experimental analysis | | | Poeciliidae | |
| Poeciliidae | | | <i>Poecilia reticulata</i> | 805452 |
| <i>Poecilia reticulata</i> | 808921 | | Rate of growth | |
| Tissue culture techniques | | | Poeciliidae | |
| Salmonidae | | | <i>Poecilia reticulata</i> | 805452 |
| <i>Salmo gairdneri</i> | 808525 | | Coefficient of condition | |
| Organic pollutants | | | Cyprinidae | |
| Effect on fish | | | <i>Cyprinus carpio</i> | 805455 |
| Developing egg | | | Courtship | |
| Salmonidae | | | Poeciliidae | |
| <i>Salmo gairdneri</i> | 807961 | | <i>Poecilia reticulata</i> | 805454 |
| Fry | | | Instrumental conditioning | |
| Salmonidae | | | Poeciliidae | |
| <i>Salmo gairdneri</i> | 807961 | | <i>Poecilia reticulata</i> | 805453 |
| Apholate | | | Lethal environmental limits | |
| Blood and lymph | | | Salmonidae | |
| Ictaluridae | | | <i>Salmo gairdneri</i> | 805955 |
| <i>Ictalurus punctatus</i> | 803936 | | Experimental analysis | |
| Sublittoral zone | | | Poeciliidae | |
| Elasmobranchii | 808715 | | <i>Poecilia reticulata</i> | 805451 |
| Teleostei | 808715 | | | |

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|-------------------------------------|---------------------------------|--------|------------------------------|--------|
| Conservation of fish (continued) | Pulp fiber sediment | | Teleostei | 804949 |
| | Effect on fish | | | 806072 |
| | Lethal environmental limits | | | 806073 |
| | Salmonidae | | | 806074 |
| | <i>Oncorhynchus nerka</i> | 808155 | Poeciliidae | |
| | Starch | | <i>Xiphophorus</i> | 806073 |
| | Effect on fish | | Salmonidae | |
| | Salmonidae | | <i>Salmo gairdneri</i> | 806073 |
| | <i>Salmo gairdneri</i> | 807113 | Hydrocarbons | |
| | Strychnine | | Experimental analysis | |
| | Effect on fish | | Tissue culture techniques | |
| | Carcharinidae | | Cyprinidae | |
| | <i>Negaprion brevirostris</i> | 805018 | <i>Pimephales promelas</i> | 806999 |
| TEPP | Use as test animal | | Salmonidae | |
| | Cyprinidae | | <i>Salmo gairdneri</i> | 806999 |
| | <i>Carassius auratus</i> | 809025 | Urethan | |
| | Tetrachloro-o-benzoquinone | | Tissue culture techniques | |
| | Effect on fish | | Experimental analysis | |
| | Lethal environmental limits | | Teleostei | 807001 |
| | Salmonidae | | Insecticide pollutants | |
| | <i>Salmo salar</i> | 807534 | Salmonidae | |
| | | | <i>Oncorhynchus kisutch</i> | 805641 |
| Silt pollutants | | | <i>Salmo gairdneri</i> | 807308 |
| | Effect on fish | | Effect on fish | |
| | Ictaluridae | | Enzymology | |
| | <i>Ictalurus punctatus</i> | 806818 | Salmonidae | |
| | Standing crop | | <i>Oncorhynchus kisutch</i> | 807544 |
| | Teleostei | 805376 | <i>Salmo gairdneri</i> | 807544 |
| | | | Lipid metabolism | |
| Radioactive pollutants | | | Salmonidae | |
| | Effect on fish | | <i>Salmo gairdneri</i> | 806617 |
| | Radioactive content | | Galvanotaxis | |
| | Teleostei | 807674 | Salmonidae | |
| | Lethal environmental limits | | <i>Salmo salar</i> | 807381 |
| | Teleostei | 807674 | <i>Salvelinus fontinalis</i> | 807381 |
| | Radioactive content | | Distribution within habitat | |
| | Distribution and occurrence | | Salmonidae | |
| | Teleostei | 808929 | <i>Salmo salar</i> | 807381 |
| | Distribution | | <i>Salvelinus fontinalis</i> | 807381 |
| | Istiophoridae | 807189 | Lethal environmental limits | |
| | Scombridae | | Centrarchidae | |
| | <i>Thunnus alalunga</i> | 807189 | <i>Lepomis cyanellus</i> | 806176 |
| | <i>Thunnus albacares</i> | 807189 | Breathing | |
| | <i>Thunnus obesus</i> | 807189 | Cyprinidae | |
| | | | <i>Carassius auratus</i> | 806865 |
| Food chains | | | Migrations | |
| | Experimental analysis | | Salmonidae | |
| | Gobiidae | | <i>Salmo salar</i> | 807381 |
| | <i>Acanthogobius flavimanus</i> | 806589 | <i>Salvelinus fontinalis</i> | 807381 |
| | Mullidae | | Use as test animal | |
| | <i>Mullus barbatus</i> | 804522 | Cyprinidae | |
| | Sparidae | | <i>Carassius auratus</i> | 806865 |
| | <i>Pagellus erythrinus</i> | 804521 | Pesticide content | |
| | Atherinidae | | Dieldrin | |
| | <i>Atherina</i> | 804521 | Experimental analysis | |
| Cobalt | | | Cottidae | |
| | Radioactive content | | <i>Cottus perplexus</i> | 804235 |
| | Developing egg | | Intermediary metabolism | |
| | Scophthalmidae | | Gut | |
| | <i>Scophthalmus macoticus</i> | 808344 | Salmonidae | |
| | Larva | | <i>Salmo salar</i> | 807341 |
| | Scophthalmidae | | Bacteria | |
| | <i>Scophthalmus macoticus</i> | 808344 | Salmonidae | |
| Manganese | | | <i>Salmo salar</i> | 807341 |
| | Radioactive content | | Lethal environmental limits | |
| | Developing egg | | Cyprinidae | |
| | Scophthalmidae | | <i>Carassius auratus</i> | 806990 |
| | <i>Scophthalmus macoticus</i> | 808344 | Experimental analysis | |
| | Larva | | Poeciliidae | |
| | Scophthalmidae | | <i>Gambusia affinis</i> | 809051 |
| | <i>Scophthalmus macoticus</i> | 808344 | Cyprinidae | |
| Srtrontium and yttrium | | | <i>Carassius auratus</i> | 804466 |
| | Radioactive content | | Multiple choice testing | |
| | Developing egg | | Lethal environmental limits | |
| | Cobitidae | 807675 | Cyprinodontidae | |
| | <i>Misgurnus fossilis</i> | | <i>Cyprinodon variegatus</i> | 807829 |
| | Lethal environmental limits | | | |
| | Cobitidae | 807675 | Aldrin | |
| | <i>Misgurnus fossilis</i> | | Lethal environmental limits | |
| | | | Experimental analysis | |
| Tungsten | | | Channiformes | |
| | Radioactive content | | <i>Channa punctatus</i> | 805598 |
| | Developing egg | | Cyprinidae | |
| | Scophthalmidae | | <i>Barbus sophore</i> | 805598 |
| | <i>Scophthalmus macoticus</i> | 808344 | Apholate | |
| | Larva | | Effect on fish | |
| | Scophthalmidae | | Erythrocytes | |
| | <i>Scophthalmus macoticus</i> | 808344 | Ictaluridae | |
| Carcinogenic agents | | | <i>Ictalurus punctatus</i> | 807081 |
| | Anguillidae | | Liver | |
| | <i>Anguilla anguilla</i> | 806196 | Ictaluridae | |
| | Effect on fish | | <i>Ictalurus punctatus</i> | 807081 |
| | Myximomorpha | 806189 | | |
| | Petromyzontomorpha | 806189 | | |

| Cotnion | | Dylox | | Conservation of fish (continued) |
|--------------------------------|--------|--------------------------------|--|-------------------------------------|
| Lethal environmental limits | | Effect on fish | | |
| Experimental analysis | | Larva | | |
| Mugiloidae | | Salmonidae | | |
| <i>Mugil cephalus</i> | 805369 | <i>Salmo gairdneri</i> | | 807480 |
| Cichlidae | | Endrin | | |
| <i>Tilapia aurea</i> | 805369 | Effect on fish | | |
| Cyprinidae | | Lipid metabolism | | |
| <i>Cyprinus carpio</i> | 805369 | Salmonidae | | |
| | | <i>Salmo gairdneri</i> | | 806907 |
| DDI | | Embryo physiology | | |
| Experimental analysis | | Salmonidae | | |
| Cyprinidae | | <i>Salmo gairdneri</i> | | 806907 |
| <i>Notemigonus crysoleucas</i> | 805891 | Pollutant content | | |
| Effect on fish | | Poisonous as food | | |
| Lateral line | | Poeciliidae | | |
| Salmonidae | | <i>Gambusia affinis</i> | | 808927 |
| <i>Salmo gairdneri</i> | 806988 | Heptachlor | | |
| Heart | | Effect on fish | | |
| Salmonidae | | Barbels | | |
| <i>Salmo gairdneri</i> | 806988 | Heteropneustidae | | |
| Rate of growth | | <i>Heteropneustes fossilis</i> | | 808519 |
| Salmonidae | | Gills | | |
| <i>Salvelinus fontinalis</i> | 806270 | Heteropneustidae | | |
| Food chains | | <i>Heteropneustes fossilis</i> | | 806229 |
| Salmonidae | | Lindane | | |
| <i>Salvelinus fontinalis</i> | 808491 | Lethal environmental limits | | |
| Avoidance responses | | Serranidae | | |
| Salmonidae | | <i>Morone saxatilis</i> | | 806671 |
| <i>Salvelinus fontinalis</i> | 808765 | Malathion | | |
| Reproduction | | Pesticide content | | |
| Salmonidae | | Experimental analysis | | |
| <i>Salvelinus fontinalis</i> | 806270 | Cyprinidae | | |
| Avoidance conditioning | | <i>Cyprinus carpio</i> | | 808538 |
| Salmonidae | | Lethal environmental limits | | |
| <i>Salvelinus fontinalis</i> | 808765 | Serranidae | | |
| Pesticide content | | <i>Morone saxatilis</i> | | 806671 |
| Salmonidae | | Nicotine | | |
| <i>Oncorhynchus kisutch</i> | 807217 | Effect on fish | | |
| Metencephalon | | Gills | | |
| Effect on fish | | Heteropneustidae | | |
| Cyprinidae | | <i>Heteropneustes fossilis</i> | | 806229 |
| <i>Carassius auratus</i> | 803596 | Parathion | | |
| DDT and Dieldrin | | Effect on fish | | |
| Pesticide content | | Centrarchidae | | |
| Fry | | <i>Lepomis macrochirus</i> | | 806861 |
| Salmonidae | | Salmonidae | | |
| <i>Oncorhynchus kisutch</i> | 808558 | <i>Salmo gairdneri</i> | | 806861 |
| DDVP | | Lethal environmental limits | | |
| Effect on fish | | Experimental analysis | | |
| Teleostei | | Mugiloidae | | |
| Lethal environmental limits | | <i>Mugil cephalus</i> | | 805369 |
| Egg | | Cichlidae | | |
| Channiformes | | <i>Tilapia aurea</i> | | 805369 |
| <i>Channa punctatus</i> | 806226 | Cyprinidae | | |
| Larva | | <i>Cyprinus carpio</i> | | 805369 |
| Channiformes | | TEPA | | |
| <i>Channa punctatus</i> | 806226 | Effect on fish | | |
| Dieldrin | | Testis | | |
| Effect on fish | | Poeciliidae | | |
| Cyprinodontidae | | <i>Poecilia reticulata</i> | | 807805 |
| <i>Cyprinodon variegatus</i> | 807295 | Reproduction | | |
| Poeciliidae | | Poeciliidae | | |
| <i>Poecilia latipinna</i> | 807295 | <i>Poecilia reticulata</i> | | 807805 |
| Gills | | Toxaphen | | |
| Salmonidae | | Effect on fish | | |
| <i>Salmo gairdneri</i> | 807466 | Lethal environmental limits | | |
| Lethal environmental limits | | Cyprinidae | | |
| Cyprinodontidae | | <i>Carassius auratus</i> | | 804648 |
| <i>Cyprinodon variegatus</i> | 808813 | Use as test animal | | |
| Poeciliidae | | Cyprinidae | | |
| <i>Poecilia latipinna</i> | 808813 | <i>Carassius auratus</i> | | 809025 |
| Megalopidae | | Insecticide resistance | | |
| <i>Megalops atlantica</i> | 808813 | Centrarchidae | | 806176 |
| In vitro techniques | | Poeciliidae | | |
| Salmonidae | | <i>Gambusia affinis</i> | | 806176 |
| <i>Salmo gairdneri</i> | 807466 | Cyprinidae | | 809051 |
| Salinity | | Cyprinidae | | |
| Experimental analysis | | <i>Notemigonus crysoleucas</i> | | 806176 |
| Cyprinodontidae | | Ictaluridae | | |
| <i>Cyprinodon variegatus</i> | 806978 | <i>Ictalurus natalis</i> | | 806176 |
| Poeciliidae | | Experimental analysis | | |
| <i>Poecilia latipinna</i> | 806978 | Poeciliidae | | |
| Lethal environmental limits | | <i>Gambusia affinis</i> | | 807499 |
| Cyprinodontidae | | Populations | | |
| <i>Cyprinodon variegatus</i> | 806978 | Intraspecific variation | | |
| Poeciliidae | | Poeciliidae | | |
| <i>Poecilia latipinna</i> | 806978 | <i>Gambusia affinis</i> | | 806265 |
| Food chains | | Herbicide pollutants | | |
| Experimental analysis | | Effect on fish | | |
| Cyprinidae | | Lethal environmental limits | | |
| <i>Pimephales notatus</i> | 806986 | Teleostei | | 808251 |
| | | Serranidae | | |
| | | <i>Morone saxatilis</i> | | 808509 |

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|-------------------------------------|--------------------------------|--------|--------------------------------------|--------|
| Conservation of fish (continued) | Lethal environmental limits | | Alkyl benzene sulfonate | |
| | Serranidae | | Effect on fish | |
| | <i>Morone saxatilis</i> | 806671 | Cyprinodontidae | |
| | Experimental analysis | | <i>Jordaniella floridae</i> | 805877 |
| | Centrarchidae | | Microbiological ichthyotoxins | |
| | <i>Lepomis macrochirus</i> | 804618 | Lethal environmental limits | |
| | <i>Micropterus salmoides</i> | 804618 | Experimental analysis | |
| | Cyprinidae | | Cyprinodontidae | |
| | <i>Pimephales promelas</i> | 804618 | <i>Cyprinodon variegatus</i> | 804615 |
| | Esocidae | | <i>Ochromonas</i> | |
| | <i>Esox niger</i> | 804618 | Lethal environmental limits | |
| | Dichlobenil | | Poeciliidae | |
| | Effect on fish | | <i>Gambusia affinis</i> | 806127 |
| | Lethal environmental limits | | <i>Prymnesium</i> | |
| | Centrarchidae | | Biochemistry | |
| | <i>Lepomis macrochirus</i> | 807831 | Teleostei | 806126 |
| | <i>Micropterus salmoides</i> | 807831 | Waste treatment for habitat | |
| | Diquat | | Cyprinidae | 807746 |
| | Effect on fish | | Kraft mill effluents | |
| | Lethal environmental limits | | Experimental analysis | |
| | Centrarchidae | | Salmonidae | |
| | <i>Micropterus salmoides</i> | 805893 | <i>Salmo salar</i> | 805192 |
| | Cyprinidae | | Pulp fiber sediment | |
| | <i>Notemigonus crysoleucas</i> | 805893 | Experimental analysis | |
| | Lethal environmental limits | | Salmonidae | |
| | Experimental analysis | | <i>Oncorhynchus nerka</i> | 808155 |
| | Centrarchidae | | Oil dispersant | |
| | <i>Micropterus salmoides</i> | 805892 | Lethal environmental limits | |
| | Cyprinidae | | Egg | |
| | <i>Notemigonus crysoleucas</i> | 805892 | Engraulidae | |
| | Hydrothol-191 | | <i>Engraulis mordax</i> | 804676 |
| | Effect on fish | | Larva | |
| | Lethal environmental limits | | Engraulidae | |
| | Centrarchidae | | <i>Engraulis mordax</i> | 804676 |
| | <i>Lepomis microlophus</i> | 807781 | Explosions underwater | |
| | Pentachlorophenol | | Effect on fish | |
| | Effect on fish | | Teleostei | 808195 |
| | Cichlidae | | Fish kill | 805450 |
| | <i>Cichlasoma bimaculatum</i> | 806882 | Teleostei | 803783 |
| | Zinc | | | 808699 |
| | Effect on fish | | Oxygen deficiencies in habitat | |
| | Developing egg | | Teleostei | 807147 |
| | Larva | | | 808250 |
| | Cobitidae | | Endrin | |
| | <i>Misgurnus fossilis</i> | 808343 | Nabam | |
| | Cyprinidae | | Insecticide pollutants | |
| | <i>Cyprinus carpio</i> | 808343 | Gasterosteidae | |
| | 2,4-D | | <i>Gasterosteus aculeatus</i> | 807381 |
| | Effect on fish | | Salmonidae | |
| | Intermediary metabolism | | <i>Salmo salar</i> | 807381 |
| | Centrarchidae | | <i>Salvelinus fontinalis</i> | 807381 |
| | <i>Lepomis macrochirus</i> | 804795 | Fish conservation | 807822 |
| | Multiple choice testing | | Acipenseromorpha | 808432 |
| | Lethal environmental limits | | Teleostei | 806538 |
| | Cyprinodontidae | | Fishing methods | |
| | <i>Cyprinodon variegatus</i> | 807829 | Angling | |
| | Oil pollutants | | Salmonidae | 805986 |
| | Effect on fish | 804676 | Handling methods and effects | |
| | Teleostei | 806460 | Salmonidae | |
| | Egg | | <i>Salvelinus namaycush</i> | 804675 |
| | Clupeidae | | Endangered species | |
| | <i>Clupea harengus</i> | 806462 | Acipenseromorpha | 804818 |
| | Developing egg | | | 807110 |
| | Labridae | | Teleostei | 807110 |
| | <i>Crenilabrus tinca</i> | 807770 | Gadopsidae | |
| | Scorpaenidae | | <i>Gadopsis marmoratus</i> | 806817 |
| | <i>Scorpaena porcus</i> | 807770 | Percidae | 807268 |
| | Engraulidae | | Serranidae | |
| | <i>Engraulis encrasicolus</i> | 807770 | <i>Maccullochella macquariensis</i> | 806817 |
| | Larva | | <i>Maccullochella mitchelli</i> | 806817 |
| | Clupeidae | | <i>Macquaria australasica</i> | 806817 |
| | <i>Clupea harengus</i> | 806462 | <i>Percalates novemaculeatus</i> | 806817 |
| | Engraulidae | | Poeciliidae | |
| | <i>Engraulis encrasicolus</i> | 807770 | <i>Gambusia georgei</i> | 807597 |
| | Bibliography | 804146 | Cyprinidae | 806132 |
| | Corexit | | <i>Acheilognathus longipinnis</i> | 806041 |
| | Effect on fish | | <i>Oreodaimon quathlambae</i> | 806780 |
| | Waste treatment for habitat | | <i>Probarbus jullieni</i> | 803928 |
| | Clinidae | 807191 | <i>Rhodesus atremius</i> | 806041 |
| | Detergent pollutants | | <i>Tanania tanago</i> | 806041 |
| | Salinity | | Ictaluridae | |
| | Experimental analysis | | <i>Noturus</i> | 803895 |
| | Anguillidae | | Plotosidae | |
| | <i>Anguilla anguilla</i> | 807071 | <i>Tandanus tandanus</i> | 806817 |
| | Lethal environmental limits | | Osteoglossidae | |
| | Anguillidae | | <i>Scleropages formosus</i> | 803928 |
| | <i>Anguilla anguilla</i> | 807071 | Esocidae | |
| | Lethal environmental limits | | <i>Esox americanus</i> | 807110 |
| | Cyprinidae | | <i>Esox masquinongy</i> | 807110 |
| | <i>Carassius auratus</i> | 806990 | Aplochitonidae | |
| | Experimental analysis | | <i>Prototroctes maraena</i> | 806817 |
| | Cyprinidae | | Salmonidae | |
| | <i>Carassius auratus</i> | 804466 | <i>Salmo salar</i> | 806008 |
| | | | <i>Salvelinus timagamiensis</i> | 806044 |

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|----------------------------------|--------|---------------------------------|--------|--------------|
| Expansion of range by man | | Anguillidae | | Fish culture |
| Poeciliidae | | <i>Anguilla anguilla</i> | 804253 | |
| <i>Poeciliopsis occidentalis</i> | 807578 | | 808481 | |
| Habitat preservation | | | 808667 | |
| Centrarchidae | | <i>Anguilla japonica</i> | 808670 | |
| <i>Micropterus salmoides</i> | 803513 | | 805558 | |
| Clupeidae | | Cyprinidae | 807044 | |
| <i>Alosa sapidissima</i> | 803513 | | 805634 | |
| Salmonidae | | | 806408 | |
| <i>Oncorhynchus masou</i> | 804200 | | 807044 | |
| <i>Salmo gairdneri</i> | 803513 | | 807772 | |
| <i>Salvelinus fontinalis</i> | 803513 | | 808423 | |
| <i>Salvelinus malma</i> | 804200 | | 808577 | |
| Littoral zone | 804312 | <i>Barbus javanicus</i> | 805474 | |
| Supralittoral zone | 805194 | <i>Cyprinus carpio</i> | 804253 | |
| Coral reef | 804812 | | 805553 | |
| | 806431 | | 806660 | |
| Intertidal zone | | | 808225 | |
| Teleostei | 803525 | | 808231 | |
| Brackish environment | 804669 | | 808246 | |
| Fish guidance | | | 808482 | |
| Salmonidae | | | 808966 | |
| <i>Oncorhynchus kisutch</i> | 807799 | <i>Rutilus frisi</i> | 807742 | |
| <i>Oncorhynchus tshawytscha</i> | 807799 | Clariidae | | |
| Migrations | | <i>Clarias batrachus</i> | 805474 | |
| Trapping | | | 807044 | |
| Salmonidae | | Ictaluridae | 807044 | |
| <i>Oncorhynchus tshawytscha</i> | 808546 | <i>Ictalurus catus</i> | 803529 | |
| <i>Salmo gairdneri</i> | 808546 | <i>Ictalurus furcatus</i> | 803529 | |
| Fish culture | | <i>Ictalurus punctatus</i> | 803529 | |
| | 803740 | | 804402 | |
| | 805081 | | 808413 | |
| Teleostei | 808214 | Pangasiidae | | |
| Bibliography | 808257 | <i>Pangasius larnaudi</i> | 807044 | |
| Danube R | | <i>Pangasius sutchi</i> | 807044 | |
| Bibliography | 808649 | Chanidae | | |
| Fish cultural methodology | | <i>Chanos chanos</i> | 807044 | |
| | 804447 | | 808204 | |
| | 806553 | | 809057 | |
| | 807043 | Esocidae | | |
| Acipenseromorpha | 808230 | <i>Esox lucius</i> | 803514 | |
| | 805559 | | 808025 | |
| | 807045 | Salmonidae | 805989 | |
| | 808420 | | 807044 | |
| | 808432 | <i>Salmo</i> | 804253 | |
| <i>Acipenser baeri</i> | 808683 | <i>Salmo gairdneri</i> | 804688 | |
| <i>Acipenser ruthenus X</i> | | | 805542 | |
| <i>Huso huso X</i> | 808683 | | 806531 | |
| Teleostei | 803667 | | 806602 | |
| | 805556 | | 806603 | |
| | 806813 | | 808276 | |
| | 807044 | <i>Salmo trutta</i> | 806531 | |
| | 807045 | Heat pollution | | |
| | 808396 | Pleuronectidae | | |
| | 808397 | <i>Pleuronectes platessa</i> | 806013 | |
| | 808422 | Soleidae | | |
| | 808629 | <i>Solea solea</i> | 806013 | |
| | 809018 | Pondfish productivity | | |
| Channiformes | | Centrarchidae | | |
| <i>Channa striatus</i> | 805474 | <i>Lepomis macrochirus</i> | 807941 | |
| Belontiidae | | <i>Micropterus salmoides</i> | 807941 | |
| <i>Trichogaster pectoralis</i> | 805474 | Ictaluridae | | |
| Mugiloidae | 807044 | <i>Ictalurus punctatus</i> | 807941 | |
| Carangidae | | Young | | |
| <i>Seriola</i> | 806602 | Ictaluridae | | |
| <i>Seriola quinqueradiata</i> | 807044 | <i>Ictalurus punctatus</i> | 808512 | |
| <i>Trachinotus carolinus</i> | 808395 | Artificial rearing environments | | |
| | 803529 | Heat pollution | | |
| | 804222 | Cyprinidae | | |
| | 807034 | <i>Cyprinus carpio</i> | 808696 | |
| Cichlidae | 806117 | Collecting fish | | |
| <i>Tilapia</i> | 807044 | Netting | | |
| <i>Tilapia mossambica</i> | 808482 | Cyprinidae | | |
| | 807772 | <i>Cyprinus carpio</i> | 808672 | |
| | 809057 | Feeding captive fish | 807292 | |
| Serranidae | | Crustacea | | |
| | 806671 | Cyprinidae | | |
| <i>Morone saxatilis</i> | 806649 | <i>Cyprinus carpio</i> | 808229 | |
| | 806671 | Naphthenic growth substance | | |
| <i>Morone saxatilis X</i> | | Experimental analysis | | |
| <i>Morone chrysops X</i> | 806649 | Cyprinidae | | |
| | 806671 | <i>Cyprinus carpio</i> | 807650 | |
| <i>Percichthys trucha</i> | 805549 | Fish cultural statistics | | |
| Sillaginidae | | Acipenseromorpha | 807043 | |
| <i>Sillago sihama</i> | 806767 | | 808420 | |
| Spargidae | 805617 | | 808425 | |
| <i>Chrysophrys major</i> | 806602 | | 808432 | |
| Theraponidae | | Teleostei | 804820 | |
| <i>Therapon plumbeus</i> | 805474 | | 807044 | |
| Pleuronectidae | | | 808243 | |
| <i>Pleuronectes platessa</i> | 807044 | | 808675 | |
| Anoplopomatidae | | | 808677 | |
| <i>Anoplopoma fimbria</i> | 807905 | | 808694 | |
| | 808867 | | | |

**Fish culture
(continued)**

| | | | |
|---------------------------------|--------|---|--------|
| Channiformes | | | 806755 |
| <i>Channa striatus</i> | 807772 | | 806880 |
| Belontiidae | | | 808226 |
| <i>Trichogaster pectoralis</i> | 807772 | | 808434 |
| Mugiloidae | 805684 | | 808482 |
| | 806755 | | 808686 |
| Cichlidae | 805684 | | 808690 |
| <i>Tilapia mossambica</i> | 807772 | | 808691 |
| Percidae | | <i>Hypophthalmichthys molitrix</i> | 805370 |
| <i>Perca flavescens</i> | 808694 | <i>Labeo rohita</i> | 808615 |
| <i>Perca fluviatilis</i> | 808678 | <i>Pimephales promelas</i> | 806649 |
| <i>Stizostedion lucioperca</i> | 808678 | Clariidae | |
| | 808694 | <i>Clarias batrachus</i> | 805474 |
| Sparidae | | Ictaluridae | |
| <i>Erynnis japonica</i> | 805622 | <i>Ictalurus punctatus</i> | 803894 |
| <i>Pagrus major</i> | 805622 | Chanidae | |
| Anguillidae | | <i>Chanos chanos</i> | 803554 |
| <i>Anguilla anguilla</i> | 808243 | | 808204 |
| | 808678 | Esocidae | |
| | 808694 | <i>Esox lucius</i> | 809038 |
| Cyprinidae | 805634 | Salmonidae | |
| <i>Barbus gonionotus</i> | 807772 | <i>Salmo</i> | 806109 |
| <i>Cyprinus carpio</i> | 805684 | Experimental analysis | |
| | 806408 | Teleostei | 806130 |
| | 806755 | Cyprinidae | |
| | 807772 | <i>Cyprinus carpio</i> | 806130 |
| | 808231 | Young | |
| | 808243 | Ictaluridae | |
| | 808438 | <i>Ictalurus punctatus</i> | 808512 |
| | 808675 | Crustacea | |
| | 808678 | As food for fish | |
| | 808694 | Cyprinidae | |
| Clariidae | | <i>Cyprinus carpio</i> | 808240 |
| <i>Clarias batrachus</i> | 807772 | Density dependent regulation | |
| Chanidae | | Cyprinidae | |
| <i>Chanos chanos</i> | 808204 | <i>Cyprinus carpio</i> | 808240 |
| Esocidae | | Hatchery productivity | |
| <i>Esox lucius</i> | 808678 | Cyprinidae | |
| Salmonidae | 808694 | <i>Cyprinus carpio</i> | 808231 |
| <i>Coregonus</i> | 808678 | Artificial feeds and feeding | |
| <i>Salmo</i> | 808694 | Cyprinidae | |
| <i>Salmo gairdneri</i> | 808678 | <i>Cyprinus carpio</i> | 808688 |
| | 808678 | Artificial population manipulation | |
| | 808694 | Fish control agents | |
| Pondfish productivity | | Ictaluridae | |
| Acipenseromorpha | 807676 | <i>Ictalurus punctatus</i> | 808603 |
| <i>Acipenser gueldenstaedti</i> | 808425 | Hatchery productivity | |
| Teleostei | 808342 | Centrarchidae | 803513 |
| | 803667 | Cichlidae | |
| | 808996 | <i>Tilapia mossambica</i> | 803513 |
| Channiformes | | Serranidae | |
| <i>Channa striatus</i> | 805474 | <i>Morone saxatilis</i> | 803513 |
| Belontiidae | | Poeciliidae | |
| <i>Trichogaster pectoralis</i> | 805474 | <i>Gambusia affinis</i> | 803513 |
| Mugiloidae | | Cyprinidae | |
| <i>Mugil capito</i> | 805370 | <i>Aristichthys nobilis</i> | 808423 |
| <i>Mugil cephalus</i> | 803554 | <i>Ctenopharyngodon idella</i> | 808423 |
| | 805370 | <i>Hypophthalmichthys molitrix</i> | 808423 |
| Centrarchidae | 806273 | Ictaluridae | |
| <i>Lepomis cyanellus</i> | 804412 | <i>Ictalurus punctatus</i> | 803513 |
| <i>Lepomis macrochirus</i> | 804412 | Salmonidae | |
| | 805140 | <i>Salmo gairdneri</i> | 803513 |
| | 806880 | | 806531 |
| <i>Micropterus salmoides</i> | 804412 | | 808612 |
| Cichlidae | 805370 | <i>Salmo trutta</i> | 803513 |
| <i>Tilapia</i> | 808482 | | 806531 |
| <i>Tilapia aurea</i> | 806880 | | 808613 |
| <i>Tilapia aurea X</i> | | | 803513 |
| <i>Tilapia nilotica X</i> | 805973 | <i>Salvelinus fontinalis</i> | |
| <i>Tilapia macrochir</i> | 806117 | Fishery statistics | |
| <i>Tilapia melanopleura</i> | 806117 | Salmonidae | |
| <i>Tilapia mossambica</i> | 806934 | <i>Oncorhynchus tshawytscha</i> | 808658 |
| <i>Tilapia zilli</i> | 806117 | Artificial breeding environments | |
| Percidae | | Mugiloidae | |
| <i>Stizostedion lucioperca</i> | 805486 | <i>Mugil capito</i> | 804629 |
| Serranidae | | Cichlidae | |
| <i>Morone saxatilis</i> | 806649 | <i>Tilapia leucosticta</i> | 805587 |
| <i>Morone saxatilis X</i> | 806671 | <i>Tilapia mossambica</i> | 807710 |
| <i>Morone chrysops X</i> | 806671 | Sparidae | |
| Theraponidae | | <i>Pagrus major</i> | 805624 |
| <i>Therapon plumbeus</i> | 805474 | Ictaluridae | |
| Cyprinidae | 805634 | <i>Ictalurus punctatus</i> | 803894 |
| <i>Barbus javanicus</i> | 808632 | | 808512 |
| <i>Carassius auratus</i> | 805474 | Salmonidae | |
| <i>Catla catla</i> | 805486 | <i>Coregonus nasus</i> | 807666 |
| <i>Cyprinus carpio</i> | 808615 | Effect on fish | |
| | 808615 | Centrarchidae | |
| | 805370 | <i>Lepomis macrochirus</i> | 805140 |
| | 805486 | Pounds and live cars | |
| | 805973 | Sparidae | |
| | | <i>Mylio macrocephalus</i> | 805620 |
| | | <i>Pagrus major</i> | 805620 |

| Artificial fertilization | | Spawning channels | | Fish culture (continued) | |
|------------------------------------|--|-------------------|-------------------------------------|--------------------------|--|
| Acipenseromorpha | | 805559 | Experimental analysis | | |
| <i>Acipenser gueldenstaedti</i> | | 808425 | Salmonidae | | |
| <i>Acipenser ruthenus</i> | | 808425 | <i>Oncorhynchus keta</i> | 808797 | |
| <i>Acipenser stellatus</i> | | 808425 | <i>Oncorhynchus tshawytscha</i> | 808797 | |
| Centrarchidae | | | Aeration and circulation | | |
| <i>Lepomis macrochirus</i> | | 807867 | Mugiloidae | | |
| <i>Lepomis macrochirus X</i> | | | <i>Mugil cephalus</i> | 808529 | |
| <i>Lepomis gibbosus X</i> | | 807867 | Antibiotics | | |
| Serranidae | | | Experimental analysis | | |
| <i>Morone saxatilis</i> | | 806649 | Salmonidae | | |
| Sparidae | | | <i>Salvelinus fontinalis</i> | 806971 | |
| <i>Mylio macrocephalus</i> | | 805619 | Automatic egg sorter | | |
| <i>Pagrus major</i> | | 805618 | Salmonidae | 808549 | |
| | | 805624 | Malachite green | | |
| Poeciliidae | | | Prophylactic treatment | | |
| <i>Xiphophorus</i> | | 803507 | Lethal environmental limits | | |
| Clupeidae | | | Centrarchidae | | |
| <i>Hilsa ilisha</i> | | 804842 | <i>Lepomis gibbosus</i> | 808560 | |
| Cyprinidae | | | <i>Lepomis macrochirus</i> | 808560 | |
| <i>Aristichthys nobilis</i> | | 808423 | Salt flotation | | |
| <i>Ctenopharyngodon idella</i> | | 808423 | Effect on fish | | |
| <i>Cyprinus carpio</i> | | 808698 | Developing egg | | |
| | | 808966 | Salmonidae | | |
| <i>Hypophthalmichthys molitrix</i> | | 808423 | <i>Oncorhynchus kisutch</i> | 808564 | |
| Salmonidae | | | Sugar flotation | | |
| <i>Salmo gairdneri</i> | | 807431 | Effect on fish | | |
| Experimental analysis | | | Developing egg | | |
| Cyprinidae | | | Salmonidae | | |
| <i>Cyprinus carpio</i> | | 806413 | <i>Oncorhynchus kisutch</i> | 808564 | |
| Egg overripeness | | | | | |
| Experimental analysis | | | Hormone induced reproduction | | |
| Salmonidae | | | Acipenseromorpha | 805559 | |
| <i>Oncorhynchus gorbuscha</i> | | 807908 | | 808425 | |
| <i>Oncorhynchus nerka</i> | | 807908 | <i>Polyodon spathula</i> | 804073 | |
| Sperm age and survival | | | Teleostei | 806111 | |
| Experimental analysis | | | Mugiloidae | | |
| Salmonidae | | | <i>Mugil capito</i> | 804629 | |
| <i>Oncorhynchus gorbuscha</i> | | 807908 | <i>Mugil cephalus</i> | 805685 | |
| <i>Oncorhynchus nerka</i> | | 807908 | Carangidae | | |
| | | | <i>Seriola quinqueradiata</i> | 806587 | |
| Artificial incubation | | | Serranidae | | |
| Acipenseromorpha | | | <i>Morone saxatilis</i> | 806649 | |
| <i>Acipenser gueldenstaedti</i> | | 808425 | | 806671 | |
| <i>Acipenser ruthenus</i> | | 808425 | | | |
| <i>Acipenser stellatus</i> | | 808425 | Sparidae | | |
| <i>Huso huso</i> | | 808425 | <i>Mylio macrocephalus</i> | 805619 | |
| Mugiloidae | | | | 805620 | |
| <i>Mugil cephalus</i> | | 805685 | Clupeidae | | |
| Cichlidae | | | <i>Hilsa ilisha</i> | 804842 | |
| <i>Tilapia nilotica</i> | | 805682 | Cyprinidae | 808577 | |
| Percidae | | | <i>Aristichthys nobilis</i> | 808423 | |
| <i>Stizostedion vitreum</i> | | 806469 | <i>Catla catla</i> | 806061 | |
| Serranidae | | | <i>Cirrhina mrigala</i> | 805607 | |
| <i>Morone saxatilis</i> | | 806649 | | 806061 | |
| | | 806671 | <i>Crossocheilus</i> | 806699 | |
| Sparidae | | | <i>Ctenopharyngodon idella</i> | 808423 | |
| <i>Mylio macrocephalus</i> | | 805619 | | 808440 | |
| <i>Pagrus major</i> | | 805618 | | 808302 | |
| Pleuronectidae | | | <i>Cyprinus carpio</i> | 808416 | |
| <i>Eopsetta jordani</i> | | 808867 | | 808698 | |
| <i>Hippoglossoides elassodon</i> | | 806455 | <i>Hypophthalmichthys molitrix</i> | 808966 | |
| | | 808867 | <i>Labeo rohita</i> | 808423 | |
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| | | 808698 | <i>Carassius auratus</i> | 804125 | |
| | | 808966 | Milt | | |
| <i>Hypophthalmichthys molitrix</i> | | 808423 | Experimental analysis | | |
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| Esocidae | | 806469 | <i>Carassius auratus</i> | 804125 | |
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| <i>Theragra chalcogramma</i> | 805500 | | 806333 | |
| Vertical distribution | | <i>Merlangius merlangus</i> | 806330 | |
| Gadidae | | <i>Pollachius virens</i> | 806333 | |
| <i>Theragra chalcogramma</i> | 805429 | <i>Trisopterus esmarki</i> | 806330 | |
| Activity patterns | | Merlucciidae | | |
| Experimental analysis | | <i>Merluccius merluccius</i> | 804991 | |
| Gadidae | | <i>Merluccius productus</i> | 808922 | |
| <i>Theragra chalcogramma</i> | 805499 | | 804988 | |
| Avoidance responses | | Lophidae | | |
| Engraulidae | | <i>Lophius piscatorius</i> | 804990 | |
| <i>Engraulis japonicus</i> | 806323 | Effect on fish | | |
| Optomotor response | | Shallow water observation | | |
| Teleostei | 806339 | Gasterosteidae | | |
| Trapping | 808530 | <i>Gasterosteus aculeatus</i> | 804979 | |
| Teleostei | 808792 | Pleuronectidae | 804979 | |
| Cyprinidae | | Clupeidae | | |
| <i>Ptychocheilus oregonensis</i> | 806400 | <i>Clupea pallasii</i> | 804979 | |
| Esocidae | | Osmeridae | | |
| <i>Esox lucius</i> | 807870 | <i>Hypomesus pretiosus</i> | 804979 | |
| | 807895 | Young | | |
| Experimental analysis | | Experimental analysis | | |
| Teleostei | 804973 | Soleidae | | |
| | 806332 | <i>Solea solea</i> | 806324 | |
| Carangidae | | Vertical distribution | 804530 | |
| <i>Seriola quinqueradiata</i> | 806332 | Avoidance responses | | |
| <i>Trachurus japonicus</i> | 806332 | Clupeidae | | |
| Clupeidae | | <i>Clupea harengus</i> | 806321 | |
| <i>Sardinops melanosticta</i> | 806332 | Sound production | 806334 | |
| Light | | Optomotor response | | |
| Teleostei | 806136 | Teleostei | 806339 | |
| Weirs | | Fishing gear selectivity | | |
| Teleostei | 807980 | Scombridae | 804982 | |
| Trawling | | Pleuronectidae | 804982 | |
| Teleostei | 808363 | Soleidae | 804982 | |
| | 808792 | Clupeidae | 804982 | |
| Clupeidae | | Engraulidae | 804982 | |
| <i>Dorosoma cepedianum</i> | 806168 | Experimental analysis | | |
| <i>Dorosoma petenense</i> | 806168 | Synodontidae | | |
| Experimental analysis | 803881 | <i>Saurida tumbi</i> | 808306 | |
| | 805406 | Shallow water observation | | |
| | 806329 | Teleostei | 807488 | |
| Elasmobranchii | 806335 | Recording cameras and tv | | |
| Dasyatidae | | Ammodytidae | | |
| <i>Dasyatis sayi</i> | 807764 | <i>Ammodytes</i> | 806348 | |
| Rajidae | | Scombridae | | |
| <i>Raja</i> | 806337 | <i>Scomber scombrus</i> | 806348 | |
| <i>Raja clavata</i> | 806345 | Clupeidae | | |
| Teleostei | 804973 | <i>Clupea harengus</i> | 806348 | |
| | 804977 | Gadidae | 806348 | |
| | 806327 | Outdoor census and sampling | | |
| | 806335 | Chimaeromorpha | | |
| Ammodytidae | 804990 | <i>Hydrologus collieri</i> | 807470 | |
| Gobiidae | | Squalidae | | |
| <i>Gobius fluviatilis</i> | 806345 | <i>Squalus acanthias</i> | 807470 | |
| <i>Gobius melanostomus</i> | 806345 | Pleuronectidae | 807470 | |

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|--|------------------------------|--------|------------------------------------|--------|
| Ichthyological techniques (continued) | Anoplopomatidae | | Experimental analysis | |
| | <i>Anoplopoma fimbria</i> | 807470 | Centrarchidae | |
| | Hexagrammidae | | <i>Pomoxis annularis</i> | 804519 |
| | <i>Ophiodon elongatus</i> | 807470 | <i>Pomoxis nigromaculatus</i> | 804519 |
| | Scorpaenidae | | Percidae | |
| | <i>Sebastes alutus</i> | 807470 | <i>Perca flavescens</i> | 804519 |
| | Gadidae | | Cyprinodontidae | |
| | <i>Gadus macrocephalus</i> | 807470 | <i>Fundulus diaphanus</i> | 804519 |
| | <i>Theragra chalcogramma</i> | 807470 | Cyprinidae | |
| | Merlucciidae | | <i>Notemigonus crysoleucas</i> | 804519 |
| | <i>Merluccius productus</i> | 807470 | Vertical distribution | |
| Angling | | | Scombridae | |
| Experimental analysis | | | <i>Thunnus</i> | 808001 |
| Apogonidae | | | Temperature | |
| <i>Apogon notatus</i> | 807990 | | Experimental analysis | |
| Carangidae | 807990 | | | 805088 |
| Pomacentridae | | | Population density | |
| <i>Pomacentrus dorsalis</i> | 807990 | | Teleostei | 804984 |
| Scombridae | | | Schooling | |
| <i>Scomber japonicus</i> | 807990 | | Scombridae | |
| Effects of experience | | | <i>Euthynnus pelamis</i> | 804891 |
| Experimental analysis | | | Trawling | |
| Centrarchidae | | | Carangidae | |
| <i>Micropterus salmoides</i> | 807810 | | <i>Caranx trachurus</i> | 804989 |
| Longlining | | | Clupeidae | |
| Serranidae | 808309 | | <i>Clupea harengus</i> | 804989 |
| Trolling | | | <i>Sardinella</i> | 804989 |
| Scombridae | | | <i>Sprattus sprattus</i> | 804989 |
| <i>Euthynnus pelamis</i> | 808364 | | Outdoor census and sampling | |
| <i>Thunnus alalunga</i> | 808364 | | Clupeidae | |
| Poison collecting | | | <i>Clupea harengus</i> | 805089 |
| Teleostei | 807246 | | | 808917 |
| Clupeidae | | | Transportation | |
| <i>Dorosoma cepedianum</i> | 806168 | | Aeration and circulation | 808517 |
| <i>Dorosoma petenense</i> | 806168 | | Large specimen techniques | |
| Tephrosini | | | Carcharhinidae | |
| Teleostei | 807984 | | <i>Carcharhinus leucas</i> | 806071 |
| Electric shocking | | | Serranidae | |
| Teleostei | 808792 | | <i>Epinephelus itajara</i> | 806071 |
| Experimental analysis | | | Observing live fish | 806328 |
| Squalomorpha | 806318 | | Shallow water observation | 804084 |
| Scyliorhinidae | | | | 804974 |
| <i>Scyliorhinus torazame</i> | 807112 | | | 806010 |
| Teleostei | 804973 | | | 806337 |
| Mugiloidae | | | | 807015 |
| <i>Mugil cephalus</i> | 807112 | | Squalomorpha | 805999 |
| Clupeidae | | | Teleostei | 804979 |
| <i>Clupea harengus</i> | 806336 | | Submersibles | |
| Cyprinidae | | | Teleostei | |
| <i>Ptychocheilus oregonensis</i> | 806400 | | | 807901 |
| <i>Vimba vimba</i> | 806336 | | | 807902 |
| Gadidae | | | Deep water observation | 804447 |
| <i>Gadus morhua</i> | 806336 | | | 804835 |
| Osmeridae | | | | 806006 |
| <i>Osmerus eperlanus</i> | 806336 | | | 806009 |
| Salmonidae | 806318 | | | 807015 |
| Netting | 808492 | | | |
| Trawling | | | Sublittoral zone | |
| Anguillidae | | | Gadidae | 806497 |
| <i>Anguilla anguilla</i> | 808236 | | Merlucciidae | |
| Sonar observation | 804447 | | <i>Merluccius bilinearis</i> | 806497 |
| | 806329 | | Still photography | |
| Elasmobranchii | 804969 | | Nototheniidae | |
| | 804970 | | <i>Notothenia larseni</i> | 805041 |
| Teleostei | 804670 | | Submersibles | |
| | 804969 | | Bothidae | 808642 |
| | 804970 | | Observation aquaria | |
| | 804995 | | Reproduction | |
| | 806501 | | Salmonidae | |
| | 808793 | | <i>Salvelinus fontinalis</i> | 807836 |
| Carangidae | | | Marking and tagging | |
| <i>Decapterus</i> | 806313 | | | 804398 |
| Scombridae | | | | 807127 |
| <i>Scomber scombrus</i> | 807070 | | Petromyzontomorpha | |
| Scorpaenidae | | | <i>Petromyzon marinus</i> | 805642 |
| <i>Sebastes alutus</i> | 806341 | | Galeiformes | 808154 |
| <i>Sebastes flavidus</i> | 807482 | | Carcharhinidae | |
| Clupeidae | | | <i>Carcharhinus falciformis</i> | 807208 |
| <i>Clupea harengus</i> | 806316 | | <i>Carcharhinus galapagensis</i> | 805125 |
| | 807070 | | Acipenseromorpha | |
| <i>Sardina pilchardus</i> | 804980 | | <i>Acipenser</i> | 807691 |
| | 806316 | | Teleostei | 806620 |
| | 808196 | | | 808154 |
| <i>Sardinella aurata</i> | 806313 | | Anarhichadidae | |
| Gadidae | | | <i>Anarhichthys ocellatus</i> | 806045 |
| <i>Boreogadus saida</i> | 806342 | | Gobiidae | |
| <i>Gadus morhua</i> | 807070 | | <i>Chasmichthys dolichognathus</i> | 806228 |
| <i>Micromesistius poussou</i> | 807070 | | <i>Chasmichthys gulosus</i> | 806228 |
| Merlucciidae | | | Centrarchidae | |
| <i>Merluccius productus</i> | 806326 | | <i>Micropterus salmoides</i> | 807810 |
| Salmonidae | | | <i>Pomoxis annularis</i> | 803605 |
| <i>Oncorhynchus nerka</i> | 807257 | | | 806159 |
| | 807800 | | | 808796 |

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|--------------------------------------|--------|---------------------------------|--------|---------------------------|
| Percidae | 808795 | <i>Merlangius merlangus</i> | 805294 | Ichthyological techniques |
| <i>Sizostedion canadense</i> | 804250 | | 808041 | (continued) |
| <i>Sizostedion luciojanica</i> | 806787 | | 808042 | |
| <i>Sizostedion vitreum</i> | 807560 | | 808098 | |
| Serranidae | | <i>Pollachius virens</i> | 807073 | |
| <i>Morone americana</i> | 805874 | Esocidae | | |
| <i>Morone chrysops</i> | 806159 | <i>Esox lucius</i> | 808233 | |
| <i>Morone saxatilis</i> | 808726 | Salmonidae | 806617 | |
| Sparidae | | <i>Oncorhynchus keta</i> | 807812 | |
| <i>Chrysophrys major</i> | 804799 | <i>Oncorhynchus kisutch</i> | 806646 | |
| Istiophoridae | | <i>Oncorhynchus tshawytscha</i> | 808790 | |
| <i>Tetrapterus albidus</i> | 805991 | <i>Salmo clarki</i> | 807818 | |
| <i>Tetrapterus audax</i> | 805991 | <i>Salmo gairdneri</i> | 807858 | |
| Scombridae | | <i>Salmo salar</i> | 807815 | |
| <i>Euthynnus pelamis</i> | 808278 | | 805645 | |
| <i>Scomber scombrus</i> | 808283 | | 807419 | |
| | 808066 | | 806025 | |
| | 808067 | | 807959 | |
| | 808068 | | 805328 | |
| | 808121 | | 805329 | |
| <i>Thunnus albacares</i> | 807189 | | 806028 | |
| <i>Thunnus thynnus</i> | 808283 | | 807356 | |
| | 804634 | | 807708 | |
| | 805991 | | 808069 | |
| | 807189 | | 808070 | |
| Pleuronectidae | | <i>Salmo trutta</i> | 808071 | |
| <i>Eopsetta jordani</i> | 807914 | | 808123 | |
| <i>Hippoglossoides platessoides</i> | 808867 | | 808124 | |
| <i>Hippoglossus hippoglossus</i> | 807423 | | 808125 | |
| <i>Hippoglossus stenolepis</i> | 808126 | | 804830 | |
| | 808159 | | 805917 | |
| <i>Lepidopsetta bilineata</i> | 808161 | | 806254 | |
| <i>Parophrys vetulus</i> | 807906 | | 807356 | |
| | 805942 | | 807959 | |
| <i>Pseudopleuronectes americanus</i> | 805944 | <i>Salvelinus alpinus</i> | 806254 | |
| <i>Reinhardtius hippoglossoides</i> | 807859 | <i>Salvelinus fontinalis</i> | 806972 | |
| | 807106 | Experimental analysis | | |
| | 807767 | Mugiloidae | | |
| Soleidae | | <i>Liza macrolepis</i> | 805054 | |
| <i>Solea solea</i> | 806557 | Embiotocidae | 808741 | |
| Anoplopomatidae | | Percidae | | |
| <i>Anoplopoma fimbria</i> | 805948 | <i>Gymnocephalus cernua</i> | 805984 | |
| | 807905 | <i>Perca fluviatilis</i> | 805984 | |
| Hexagrammidae | | Cottidae | | |
| <i>Ophiodon elongatus</i> | 807914 | <i>Cottus gobio</i> | 805984 | |
| Scorpaenidae | | Cobitidae | | |
| <i>Scorpaena guttata</i> | 807188 | <i>Noemacheilus barbatulus</i> | 805984 | |
| <i>Sebastes</i> | 807188 | Cyprinidae | 805984 | |
| Clupeidae | | Gadidae | | |
| <i>Clupea harengus</i> | 805299 | <i>Gadus morhua</i> | 806556 | |
| | 805307 | Esocidae | | |
| | 805312 | <i>Esox lucius</i> | 805984 | |
| | 808047 | Salmonidae | 808527 | |
| | 808051 | <i>Oncorhynchus keta</i> | 808487 | |
| | 808054 | <i>Oncorhynchus tshawytscha</i> | 808658 | |
| | 808102 | Effect on fish | | |
| | 808107 | Engraulidae | | |
| | 808108 | <i>Engraulis mordax</i> | 808724 | |
| <i>Dorosoma cepedianum</i> | 806159 | Salmonidae | | |
| Engraulidae | | <i>Oncorhynchus tshawytscha</i> | 808651 | |
| <i>Engraulis mordax</i> | 807891 | Experimental analysis | | |
| | 808313 | Pleuronectidae | | |
| Anguillidae | | <i>Hippoglossus stenolepis</i> | 808162 | |
| <i>Anguilla australis</i> | 804829 | Salmonidae | 808726 | |
| <i>Anguilla dieffenbachii</i> | 804829 | <i>Oncorhynchus kisutch</i> | 806852 | |
| <i>Anguilla rostrata</i> | 808180 | | 807442 | |
| Catostomidae | | Young | | |
| <i>Carpodus carpio</i> | 807844 | Salmonidae | | |
| <i>Catostomus commersoni</i> | 807422 | <i>Oncorhynchus kisutch</i> | 807442 | |
| <i>Catostomus commersoni</i> | 807376 | Juvenile | | |
| <i>Ictiobus bubalus</i> | 806159 | Salmonidae | | |
| <i>Moxostoma carinatum</i> | 804165 | <i>Oncorhynchus nerka</i> | 807420 | |
| Cyprinidae | | Life span | | |
| <i>Abramis brama</i> | 806338 | Salmonidae | | |
| <i>Cyprinus carpio</i> | 806159 | <i>Salmo gairdneri</i> | 807797 | |
| Gadidae | | Rate of growth | | |
| <i>Gadus macrocephalus</i> | 807914 | Ictaluridae | | |
| <i>Gadus morhua</i> | 808867 | <i>Ictalurus melas</i> | 807779 | |
| | 805096 | <i>Ictalurus punctatus</i> | 807779 | |
| | 805277 | Salmonidae | | |
| | 805278 | <i>Salmo clarki</i> | 808556 | |
| | 808033 | <i>Salmo gairdneri</i> | 807797 | |
| | 808887 | Coefficient of condition | | |
| | 808088 | Salmonidae | | |
| <i>Melanogrammus aeglefinus</i> | 805289 | <i>Salmo gairdneri</i> | 807797 | |
| | 805290 | Swimming endurance | | |
| | 808037 | Salmonidae | | |
| | 808093 | <i>Salmo gairdneri</i> | 808557 | |
| | 808095 | Fins | | |
| | | Regeneration | | |
| | | Salmonidae | | |
| | | <i>Salmo gairdneri</i> | 808697 | |

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|--|-----------------------------------|--|--------|-------------------------------------|--|--------|
| Ichthyological techniques (continued) | Larva | | 807537 | Maintaining live fish | | 803530 |
| | Petromyzontomorpha | | | Squalomorpha | | |
| | Petromyzon marinus | | | Teleostei | | 806620 |
| | Juvenile | | | Galaxiidae | | 804508 |
| | Salmonidae | | 807459 | Captive vs natural fishes | | |
| | Salmo salar | | | Cyprinodontidae | | |
| | Rate of growth | | | Cyprinodon atrorus | | 805725 |
| | Salmonidae | | 807355 | Salmonidae | | |
| | Oncorhynchus nerka | | | Oncorhynchus gorbuscha | | 806026 |
| | Experimental analysis | | | Oncorhynchus nerka | | 806026 |
| | Salmonidae | | 806253 | Biochemical blood constituents | | |
| | Salvelinus alpinus | | | Stress reactions | | |
| | Migrations | | | Rajidae | | |
| | Outdoor census and sampling | | | Raja eglanteria | | 809031 |
| | Salmonidae | | 807538 | Fry | | |
| | Oncorhynchus kisutch | | | Natural mortality | | |
| | Stress reactions | | | Salmonidae | | |
| | Experimental analysis | | | Oncorhynchus nerka | | 808925 |
| | Salmonidae | | 807564 | Young | | |
| | Salvelinus namaycush | | | Salmonidae | | |
| | Creel census | | | Oncorhynchus keta | | 807681 |
| | Embiotocidae | | | Polymorphism | | |
| | Embiotoca lateralis | | 806881 | Enzymology | | |
| | Phanerodon furcatus | | 806881 | Cyprinidae | | |
| | Rhacochilus vacca | | 806881 | Carassius auratus | | 805256 |
| | Pleuronectidae | | | Distribution within habitat | | |
| | Platichthys stellatus | | 806881 | Juvenile | | |
| | Natural mortality | | | Salmonidae | | |
| | Experimental analysis | | | Salmo salar | | 807459 |
| | Salmonidae | | | Lethal environmental limits | | |
| | Salmo trutta | | 806253 | Temperature | | |
| | Salvelinus alpinus | | 806253 | Salmonidae | | |
| | Sonar observation | | | Salmo gairdneri | | 807366 |
| | Salmonidae | | | Behavior | | |
| | Oncorhynchus tshawytscha | | 808651 | Experimental analysis | | |
| | Small specimen techniques | | | Salmonidae | | |
| | Salmonidae | | 808531 | Salvelinus fontinalis | | 808515 |
| | Liquid nitrogen | | | Fishing mortality | | |
| | Experimental analysis | | | Angling | | |
| | Salmonidae | | 807522 | Cyprinidae | | |
| | Oxytetracycline | | | Cyprinus carpio | | 809058 |
| | Bone | | | Introduction for fishery | | |
| | Salmonidae | | 808803 | Rate of growth | | |
| | Tetracyclines | | | Cyprinidae | | |
| | Young | | | Cyprinus carpio | | 807690 |
| | Experimental analysis | | | Reproduction | | |
| | Percidae | | | Cyprinidae | | |
| | Stizostedion vitreum | | 808555 | Cyprinus carpio | | 807690 |
| | Vital dyes | | | Pounds and live cars | | |
| | Young | | | Teleostei | | 807820 |
| | Experimental analysis | | | Pleuronectidae | | 808396 |
| | Teleostei | | 808360 | Hippoglossus stenolepis | | 808162 |
| | Sonic tagging | | | Anoplopomatidae | | |
| | Acipenseromorpha | | | Anoplopoma fimbria | | 807905 |
| | Acipenser gueldenstaedti | | 806338 | Clupeidae | | |
| | Serranidae | | | Clupea harengus | | 804923 |
| | Morone chrysops | | 806108 | Rate of growth | | |
| | Salmonidae | | 807479 | Sparidae | | |
| | Oncorhynchus gorbuscha | | 806108 | Pagrus major | | 805620 |
| | Oncorhynchus nerka | | 806108 | Productivity | | |
| | Oncorhynchus tshawytscha | | 806873 | Density dependent regulation | | |
| | Salmo gairdneri | | 806873 | Cyprinidae | | |
| | Recording cameras and tv | | 804974 | Cyprinus carpio | | 808246 |
| | Carcharhinidae | | 803745 | Aquaria and water systems | | 805794 |
| | Orectolobidae | | 807208 | Elasmobranchii | | 807181 |
| | Ginglymostoma cirratum | | 803745 | Teleostei | | 807186 |
| | Lutjanidae | | 803745 | Gasterosteidae | | |
| | Serranidae | | 803745 | Gasterosteus aculeatus | | 807386 |
| | Activity recording devices | | 803610 | Cyprinidae | | |
| | Petromyzontomorpha | | | Cyprinus carpio | | 806040 |
| | Petromyzon marinus | | 803957 | Salmonidae | | 807469 |
| | Teleostei | | 803957 | Fast flowing streams | | |
| | Blenniidae | | | Water movement | | |
| | Blennius gattorugine | | 807956 | Cyprinidae | | |
| | Blennius sanguinolentus | | 807956 | Rhinchichthys | | 807485 |
| | Percidae | | | Refrigeration | | 808346 |
| | Perca fluviatilis | | 804527 | Aeration and circulation | | 807881 |
| | Pleuronectiformes | | 804972 | Salmonidae | | 808488 |
| | Cottidae | | | Aquarium water chemistry | | 804706 |
| | Cottus gobio | | 803932 | Elasmobranchii | | 806207 |
| | Cottus poecilopus | | 803932 | Teleostei | | 807186 |
| | Poeciliidae | | | Cichlidae | | 804964 |
| | Poecilia reticulata | | 807310 | Tilapia mossambica | | 807186 |
| | Clupeidae | | 808391 | Handling methods and effects | | 806116 |
| | Clupea harengus | | 804985 | Sphyrnidae | | |
| | Cyprinidae | | | Sphyrna tiburo | | 805666 |
| | Carassius auratus | | 804410 | Teleostei | | 805669 |
| | Cyprinus carpio | | 806119 | Serranidae | | 807989 |
| | Tinca tinca | | 804527 | Morone saxatilis | | 806649 |
| | Salmonidae | | | | | 806671 |
| | Salmo salar | | 807343 | | | |

| | | Pigment cells | Ichthyological techniques (continued) |
|---|--------|---------------------------------------|--|
| <i>Morone saxatilis</i> X <i>Morone chrysops</i> X | 806671 | Oryziatidae <i>Oryzias latipes</i> | 805072 |
| Fry | | Electric organs | |
| Transportation | | Rhamphichthyidae | |
| Cyprinidae | 808578 | <i>Hypopomus occidentalis</i> | 805480 |
| Water pressure | | Pineal | |
| Fish conservation | | Oryziatidae | |
| Salmonidae | | <i>Oryzias latipes</i> | 805072 |
| <i>Salvelinus namaycush</i> | 804675 | Mating | |
| Anesthetics | | Poeciliidae | |
| Salmonidae | | <i>Poecilia reticulata</i> | 808562 |
| <i>Salmo salar</i> | 808602 | Transaminase | |
| <i>Salvelinus fontinalis</i> | 808602 | Scyliorhinidae | |
| Counting fish | | <i>Scyliorhinus caniculus</i> | 804024 |
| Young | | M-99 | |
| Salmonidae | 808567 | Effect on fish | |
| Fish pumps | 808565 | Squalidae | |
| Clupeidae | | <i>Squalus acanthias</i> | 806791 |
| <i>Dorosoma cepedianum</i> | 808566 | Methylpentynol | |
| Feeding, captive fish | | Effect on fish | |
| Teleostei | 804964 | Experimental analysis | |
| | 805669 | Salmonidae | 808607 |
| | 807186 | Lethal environmental limits | |
| Syngnathidae | | Experimental analysis | |
| <i>Syngnathus scovelli</i> | 807017 | Teleostei | 808608 |
| Belontiidae | | Bibliography | 808609 |
| <i>Colisa fasciata</i> | 806932 | MS-222 | |
| Centropomidae | | Effect on fish | |
| <i>Ambassis nama</i> | 806932 | Carcharhinidae | |
| Kyphosidae | | <i>Negaprion brevirostris</i> | 805018 |
| <i>Microcanthus strigatus</i> | 805669 | Cyprinidae | 808418 |
| Scombridae | | Nitrogen metabolism | |
| <i>Scomber japonicus</i> | 807282 | Centrarchidae | |
| Balistidae | | <i>Lepomis macrochirus</i> | 805612 |
| <i>Balistes conspicillum</i> | 805669 | Stress reactions | |
| Cyprinodontidae | | Cyprinidae | |
| <i>Jordanella floridae</i> | 805877 | <i>Carassius auratus</i> | 807085 |
| Poeciliidae | | Intermediary metabolism | |
| <i>Poecilia reticulata</i> | 805797 | Experimental analysis | |
| Cobitidae | | Squalidae | |
| <i>Botia lohachata</i> | 806932 | <i>Squalus acanthias</i> | 806807 |
| Cyprinidae | | MS-222 homologues | |
| <i>Barbus sophore</i> | 806932 | Effect on fish | |
| <i>Carassius auratus</i> | 806932 | Squalidae | |
| Effect on fish | | <i>Squalus acanthias</i> | 806808 |
| Oxygen consumption | | Cyprinidae | |
| Salmonidae | | <i>Carassius auratus</i> | 806808 |
| <i>Oncorhynchus tshawytscha</i> | 808521 | Pentothal | |
| Larva | | Effect on fish | |
| Petromyzontomorpha | | Cyprinidae | 808417 |
| <i>Ichthyomyzon bdellium</i> | 809030 | Quinaldine | |
| Pomacentridae | | Effect on fish | |
| <i>Amphiprion akallopis</i> | 805006 | Carcharhinidae | |
| <i>Amphiprion ephippium</i> | 805006 | <i>Negaprion brevirostris</i> | 805018 |
| Scombridae | | Salmonidae | 808602 |
| <i>Euthynnus alletteratus</i> | 804925 | Developing egg | |
| Clupeidae | | Centrarchidae | |
| <i>Clupea harengus</i> | 804596 | <i>Lepomis macrochirus</i> | 808600 |
| | 806558 | <i>Micropterus salmoides</i> | 808600 |
| <i>Opisthonema oglinum</i> | 807848 | Ictaluridae | |
| <i>Sardina pilchardus</i> | 804529 | <i>Ictalurus punctatus</i> | 808600 |
| Fry | | Salmonidae | 808600 |
| Plankton | | Lethal environmental limits | |
| Teleostei | 807850 | Teleostei | 808601 |
| Young | | Transportation | |
| Syngnathidae | | Serranidae | |
| <i>Hippocampus kuda</i> | 806596 | <i>Morone saxatilis</i> | 808563 |
| Anguillidae | | Breeding and rearing | |
| <i>Anguilla anguilla</i> | 808481 | Petromyzontomorpha | |
| Adlibitum food capacity | | <i>Petromyzon marinus</i> | 807587 |
| Experimental analysis | | Teleostei | 807044 |
| Carangidae | | Belontiidae | |
| <i>Seriola quinqueradiata</i> | 805503 | <i>Betta splendens</i> | 803925 |
| Balistidae | | Scombridae | |
| <i>Monacanthus tomentosus</i> | 805503 | <i>Euthynnus alletteratus</i> | 804925 |
| Tetraodontidae | | <i>Scomber japonicus</i> | 807044 |
| <i>Fugu vermicularis</i> | 805503 | Cyprinodontidae | 804643 |
| Salmonidae | | <i>Jordanella floridae</i> | 805877 |
| <i>Salmo gairdneri</i> | 805503 | Clupeidae | |
| Antivitamin content | | <i>Clupea harengus</i> | 804396 |
| Salmonidae | | | 804596 |
| <i>Salmo salar</i> | 807925 | Characidae | |
| Anesthetics | | <i>Serrasalmus rhombeus</i> | 805873 |
| Teleostei | | Cyprinidae | |
| Effect on fish | 806620 | <i>Cyprinus carpio</i> | 806040 |
| Serranidae | 804479 | <i>Rasbora heteromorpha</i> | 807187 |
| <i>Morone saxatilis</i> | 806671 | Chanidae | 805848 |
| Permeability | | <i>Chanos chanos</i> | 803667 |
| Anguillidae | | Substratum | |
| <i>Anguilla anguilla</i> | 804191 | Cyprinodontidae | 808274 |
| Cyprinidae | | Annual fish | |
| <i>Carassius auratus</i> | 804191 | Cyprinodontidae | 808263 |

| Ichthyological techniques | | Otospice | Staining | |
|----------------------------------|---------------------------|-------------------------|--------------------------------|--------|
| Sex recognition | Experimental analysis | Centrarchidae | Bone | 803570 |
| | | | Cartilage | |
| Micropteris salmoides | Survival in captivity | Sphyrnidae | Elasmobranchii | 806453 |
| | | | Teleostei | 806453 |
| Sphyrna tiburo | Acanthuridae | Labridae | Neurosecretion in brain | |
| | | | Bagridae | |
| Chaetodontidae | Cichlidae | Tilapia | Rita rita | 804810 |
| | | | Juvenile | |
| Pomacentridae | Istiophoridae | Istiophorus platypterus | Salmonidae | |
| | | | Oncorhynchus | 807912 |
| Balistidae | Clupeidae | Hibis ilisha | Skeletal preparation | |
| | | | Teleostei | 807634 |
| Galaxiidae | Larva | Sparidae | Histological preparation | |
| | | | Experimental analysis | |
| Pagrus major | Disorders in captivity | Sphyrnidae | Pimelodontidae | |
| | | | Pimelodus maculatus | 805652 |
| Sphyrna tiburo | Cyprinidae | Cyprinus carpio | Chloride cells | |
| | | | Poecilidae | |
| Meristic morphometric techniques | Teleostei | Scombridae | Gambusia affinis | 804380 |
| | | | Histochemical techniques | |
| Thunnus albacares | Fin skeletal supports | Argentinidae | Embriocidae | |
| | | | Cymatogaster aggregata | 803814 |
| Argentina sphyraena | Ovarian cycles | Clupeidae | Anguillidae | |
| | | | Anguilla anguilla | 805216 |
| Fecundity | Catostomidae | Carpododes carpio | Oogenesis | |
| | | | Anabantidae | |
| Cyprinidae | Experimental analysis | Cyprinidae | Anabas scandens | 804746 |
| | | | Cytological preparation | |
| Phoxinus erythrogaster | Larva | Clupeidae | Scophthalmidae | |
| | | | Scophthalmus maeticus | 804783 |
| Clupea harengus | Rate of growth | Perca fluviatilis | Poecilidae | |
| | | | Poecilia | 805252 |
| Stizostedion | Cyprinidae | Esocidae | Bagridae | |
| | | | Myxus seenghala | 804483 |
| Esocidae | Small specimen techniques | Mugiloidae | Sperm | |
| | | | Salmonidae | |
| Esx lucius | Computer analysis | Cyprinidae | Salmo clarki | 808536 |
| | | | Chromosomes | |
| Phoxinus erythrogaster | Small specimen techniques | Mugiloidae | Petromyzontomorpha | |
| | | | Mordacia praecox | 807633 |
| Meristic morphometric techniques | Mugiloidae | Mugil cephalus | Caryotype | |
| | | | Teleostei | 807602 |
| Mugil cephalus | Metabolite collection | Teleostei | Gasterosteidae | 806181 |
| | | | Gobiidae | 809055 |
| Teleostei | Wet preservation | Teleostei | Bolcephthalmus boddaerti | 804843 |
| | | | Cyprinidae | |
| Scorpaenidae | Radioactive content | Scorpaenidae | Notemigonus crysoleucas | 807144 |
| | | | Notropis lutrensis | 807144 |
| Scorpaenidae | Still photography | Rajidae | Tissue culture techniques | |
| | | | Anguillidae | |
| Scorpaenidae | X-ray photography | Sclerithinidae | Anguilla anguilla | 808332 |
| | | | Cyprinidae | 808332 |
| Scorpaenidae | Clearing | Teleostei | Tissue culture techniques | |
| | | | Poecilidae | 805397 |
| Scorpaenidae | Clearing | Teleostei | Characidae | |
| | | | Hemigrammus erythrozonus | 805397 |
| Scorpaenidae | Clearing | Teleostei | Hyphessobrycon innesi | 805397 |
| | | | Cyprinidae | |
| Scorpaenidae | Clearing | Teleostei | Leuciscus idus | 805397 |
| | | | Rasbora heteromorpha | 805397 |
| Scorpaenidae | Clearing | Teleostei | Cytochemical techniques | |
| | | | Poecilidae | |
| Scorpaenidae | Clearing | Teleostei | Heterandria formosa | 803556 |
| | | | Electron microscopy | |
| Scorpaenidae | Clearing | Teleostei | Myxinozoon | |
| | | | Myxine glutinosa | 805131 |
| Scorpaenidae | Clearing | Teleostei | Biochemical techniques | |
| | | | Glycogen content | |
| Scorpaenidae | Clearing | Teleostei | Liver | |
| | | | Cyprinidae | |
| Scorpaenidae | Clearing | Teleostei | Cyprinus carpio | 808247 |
| | | | Electrophoresis | |
| Scorpaenidae | Clearing | Teleostei | Teleostei | 805060 |
| | | | Gasterosteidae | 806058 |
| Scorpaenidae | Clearing | Teleostei | Cichlidae | 806181 |
| | | | Tilapia leucosticta | 808974 |
| Scorpaenidae | Clearing | Teleostei | Tilapia zilli | 808974 |
| | | | Scombridae | |
| Scorpaenidae | Clearing | Teleostei | Thunnus thynnus | 805904 |
| | | | Cottidae | 806257 |
| Scorpaenidae | Clearing | Teleostei | Lens | |
| | | | Salmonidae | |
| Scorpaenidae | Clearing | Teleostei | Salvelinus fontinalis | 807613 |
| | | | Biochemical blood constituents | |
| Scorpaenidae | Clearing | Teleostei | Cyprinodontidae | |
| | | | Fundulus heteroclitus | 807037 |
| Scorpaenidae | Clearing | Teleostei | Hemoglobin | |
| | | | Catostomidae | |
| Scorpaenidae | Clearing | Teleostei | Catostomus | 807568 |
| | | | | |

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|--|---------------------------------|--------|----------------------------------|--------|
| Ichthyological techniques (continued) | Computer analysis | | Salmonidae | |
| | Salmonidae | | <i>Oncorhynchus nerka</i> | 807259 |
| | <i>Oncorhynchus keta</i> | 804884 | <i>Salvelinus alpinus</i> | 809034 |
| | Geographic variation | | Ecotypes | |
| | Salmonidae | | Populations | |
| | <i>Oncorhynchus nerka</i> | 807916 | Clupeidae | |
| | Temperature | | <i>Clupea harengus</i> | 807921 |
| | Experimental analysis | | Still photography | |
| | Cyprinidae | | Teleostei | 805959 |
| | <i>Carassius auratus</i> | 804800 | Skeleton age study | |
| | Populations | | Mugiloidi | |
| | Salmonidae | | <i>Liza ramada</i> | 805023 |
| | <i>Oncorhynchus keta</i> | 805350 | Sillaginidae | |
| | <i>Oncorhynchus tshawytscha</i> | 803526 | <i>Sillago panijus</i> | 808577 |
| | Identification | | Scombridae | |
| | Salmonidae | | <i>Scomber japonicus</i> | 804306 |
| | <i>Oncorhynchus nerka</i> | 805351 | Pleuronectidae | |
| | | 807258 | <i>Parophrys vetulus</i> | 805946 |
| | Seasonal changes | | | 805947 |
| | Experimental analysis | | Ariidae | |
| | Serranidae | | <i>Osteogeneiosus militaris</i> | 805520 |
| | <i>Morone americana</i> | 807812 | | 805521 |
| | Still photography | | | 808577 |
| | Teleostei | 805959 | Bagridae | |
| Otolith age study | | 808718 | <i>Mystus gulio</i> | 808577 |
| Berycidae | | | Ictaluridae | |
| <i>Beryx splendens</i> | 807154 | | <i>Pygidictis olivaris</i> | 807790 |
| Gobiidae | | | Mormyridae | 803915 |
| <i>Thorogobius ephippiatus</i> | 805403 | | Salmonidae | |
| Mugiloidi | | | <i>Salmo trutta</i> | 803950 |
| <i>Ctenimugil labrosus</i> | 804533 | | Experimental analysis | |
| Lethrinidae | | | Catostomidae | |
| <i>Lethrinus lentjan</i> | 808584 | | <i>Catostomus commersoni</i> | 807376 |
| Pomadasysidae | | | Pectoral fins | |
| <i>Brachydeuterus auritus</i> | 806754 | | Salmonidae | |
| Sciaenidae | | | <i>Oncorhynchus keta</i> | 807416 |
| <i>Pseudotolithus senegalensis</i> | 806747 | | <i>Oncorhynchus nerka</i> | 807416 |
| | 806762 | | Still photography | |
| <i>Pseudotolithus typus</i> | 806747 | | Teleostei | 805959 |
| | 806762 | | Urohyal | |
| Serranidae | | | Carangidae | |
| <i>Epinephelus morio</i> | 806260 | | <i>Trachurus japonicus</i> | 805438 |
| Sillaginidae | | | Physiological techniques | 807639 |
| <i>Sillago panijus</i> | 808569 | | Squalomorpha | 803530 |
| Scombridae | | | Surgical techniques | |
| <i>Scomber japonicus</i> | 804306 | | Teleostei | 806620 |
| Pleuronectidae | | | Cyprinidae | |
| <i>Lepidopsetta bilineata</i> | 807906 | | <i>Carassius auratus</i> | 803808 |
| <i>Limanda aspera</i> | 804116 | | | 806053 |
| | 807907 | | <i>Cyprinus carpio</i> | 803759 |
| <i>Parophrys vetulus</i> | 805945 | | <i>Phoxinus phoxinus</i> | 803828 |
| | 805946 | | | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | | Pineal | |
| Agonidae | | | Cyprinodontidae | |
| <i>Agonus cataphractus</i> | 807955 | | <i>Fundulus heteroclitus</i> | 803587 |
| Comphoridae | | | Adenohypophysis | |
| <i>Comphorus baicalensis</i> | 807760 | | Cyprinidae | |
| <i>Comphorus dybowskii</i> | 807760 | | <i>Carassius auratus</i> | 804491 |
| Cottidae | | | Bagridae | |
| <i>Cottus beldingi</i> | 808721 | | <i>Mystus vittatus</i> | 804546 |
| <i>Cottus gobio</i> | 803678 | | Adrenal cortex | |
| <i>Leptocottus armatus</i> | 807962 | | Anguillidae | |
| Cottocomphoridae | | | <i>Anguilla rostrata</i> | 804544 |
| <i>Cottocomphorus comephoroides</i> | 807760 | | Gas bladder | |
| <i>Cottocomphorus grewinkii</i> | 807760 | | Holocentridae | |
| Scorpaenidae | | | <i>Holocentrus rufus</i> | 807223 |
| <i>Sebastes mentella</i> | 804333 | | Batrachoidiformes | |
| Clupeidae | | | <i>Opsanus tau</i> | 807223 |
| <i>Clupea harengus</i> | 805308 | | Liver | |
| | 805910 | | Anguillidae | |
| | 805911 | | <i>Anguilla japonica</i> | 805501 |
| | 807461 | | Blood collection | |
| | 809060 | | Rajidae | |
| <i>Hilsa ilisha</i> | 808577 | | <i>Raja radiata</i> | 804428 |
| <i>Opisthoproctus tardoore</i> | 808574 | | Teleostei | 806620 |
| <i>Sardinella cba</i> | 808013 | | Belontiidae | |
| <i>Sprattus sprattus</i> | 808307 | | <i>Trichogaster trichopterus</i> | 808752 |
| Engraulidae | | | Salmonidae | |
| <i>Engraulis mordax</i> | 807894 | | <i>Salmo gairdneri</i> | 804446 |
| Cobitidae | | | Effect on fish | |
| <i>Noemacheilus barbatulus</i> | 803678 | | Salmonidae | |
| Gadidae | | | <i>Salvelinus fontinalis</i> | 807457 |
| <i>Gadus morhua</i> | 805519 | | Injection | |
| | 807541 | | Rajidae | |
| <i>Lota lota</i> | 806834 | | <i>Raja radiata</i> | 804428 |
| <i>Pollachius virens</i> | 807075 | | Physiological solutions | |
| Merlucciidae | | | Petromyzontomorpha | 809082 |
| <i>Merluccius merluccius</i> | 808297 | | Elasmobranchii | 809082 |
| Zoarcididae | | | Teleostei | 807223 |
| <i>Lycodopsis pacifica</i> | 807500 | | | 809082 |
| Argentinidae | | | | |
| <i>Argentina sphyraena</i> | 803868 | | | |

| Metabolism measurement | | Salinity | | Ichthyological techniques (continued) |
|------------------------------------|--------|------------------------------------|--------|--|
| Fry | | Temperature | | |
| Centrarchidae | | Salmonidae | | |
| <i>Micropterus salmoides</i> | 807825 | <i>Oncorhynchus gorbuscha</i> | 808924 | |
| Metabolite collection | | Oxygen | | |
| Teleostei | 806620 | Scorpaenidae | | |
| Gasterosteidae | | <i>Sebastes miniatus</i> | 808759 | |
| <i>Gasterosteus aculeatus</i> | 803717 | Anguillidae | | |
| Anguillidae | | <i>Anguilla rostrata</i> | 803840 | |
| <i>Anguilla anguilla</i> | 803819 | Radioactive tracers | | |
| Salmonidae | | Poeciliidae | | |
| <i>Salmo gairdneri</i> | 804582 | <i>Poecilia sphenops</i> | 806610 | |
| Urine | | Cyprinidae | | |
| Gasterosteidae | | <i>Carassius auratus</i> | 806831 | |
| <i>Gasterosteus aculeatus</i> | 803593 | <i>Hypophthalmichthys molitrix</i> | 807653 | |
| Anguillidae | | Batrachoidiformes | | |
| <i>Anguilla japonica</i> | 808948 | <i>Opsanus tau</i> | 803998 | |
| Respiration chambers | 804607 | | 805027 | |
| Gobiidae | | Gadidae | | |
| <i>Chasmichthys</i> | 804874 | <i>Gadus morhua</i> | 806522 | |
| Cichlidae | | Immunological techniques | | |
| <i>Tilapia nilotica</i> | 804394 | Clupeidae | | |
| | 807526 | <i>Clupea harengus</i> | 805261 | |
| Anguillidae | | Anguillidae | | |
| <i>Anguilla anguilla</i> | 804632 | <i>Anguilla anguilla</i> | 804241 | |
| Cyprinidae | | Use as test animal | | |
| <i>Carassius auratus</i> | 808220 | Elasmobranchii | 804949 | |
| <i>Cyprinus carpio</i> | 806119 | Squalomorpha | 802530 | |
| Umbridae | | Teleostei | 804949 | |
| <i>Umbra limi</i> | 808026 | Neuroendocrine substances | | |
| Young | | Urophysis | | |
| Pleuronectidae | | Anguillidae | | |
| <i>Limanda limanda</i> | 804473 | <i>Anguilla anguilla</i> | 805223 | |
| <i>Pleuronectes platessa</i> | 804473 | Gonadotropin | | |
| Swimming chambers | 805863 | Teleostei | 807290 | |
| Elasmobranchii | 804968 | Cyprinidae | | |
| Teleostei | 804968 | <i>Carassius auratus</i> | 804125 | |
| | 806620 | Developing egg | | |
| Centrarchidae | | Embryo physiology | | |
| <i>Lepomis gibbosus</i> | 803826 | Cyprinidae | | |
| Percidae | | <i>Brachydanio rerio</i> | 807083 | |
| <i>Perca flavescens</i> | 807444 | Temperature | | |
| <i>Stizostedion vitreum</i> | 807444 | Teleostei | 806876 | |
| Sciaenidae | | Food chains | | |
| <i>Leiostomus xanthurus</i> | 804666 | Insecticide pollutants | | |
| <i>Micropterus undulatus</i> | 804666 | Cyprinidae | | |
| Scombridae | | <i>Carassius auratus</i> | 806990 | |
| <i>Euthynnus affinis</i> | 804994 | Detergent pollutants | | |
| Ictaluridae | | Cyprinidae | | |
| <i>Ictalurus nebulosus</i> | 803826 | <i>Carassius auratus</i> | 806990 | |
| Salmonidae | | Behavior | | |
| <i>Salmo trutta</i> | 803826 | Abnormality | | |
| Environment control devices | | Cyprinidae | | |
| Teleostei | 808170 | <i>Carassius auratus</i> | 809025 | |
| Cyprinodontidae | | Poisons liberated into water | | |
| <i>Cyprinodon variegatus</i> | 808813 | Scombridae | | |
| Poeciliidae | | <i>Euthynnus pelamis</i> | 807595 | |
| <i>Poecilia latipinna</i> | 808813 | Poeciliidae | | |
| <i>Poecilia reticulata</i> | 808921 | <i>Poecilia latipinna</i> | 807595 | |
| Clupeidae | | Parasite life history | | |
| <i>Clupea harengus</i> | 804985 | Cestoda | | |
| Megalopidae | | Cyprinidae | 807490 | |
| <i>Megalops atlantica</i> | 808813 | Water pollutants | | |
| Cyprinidae | | Teleostei | 808950 | |
| <i>Carassius auratus</i> | 803825 | Salmonidae | 808949 | |
| Gadidae | | Experimental analysis | | |
| <i>Gadus morhua</i> | 807373 | Poeciliidae | | |
| Salmonidae | | <i>Poecilia reticulata</i> | 808921 | |
| <i>Oncorhynchus kisutch</i> | 807342 | Pounds and live cars | | |
| <i>Salmo salar</i> | 806255 | Salmonidae | | |
| Vertical distribution | | <i>Oncorhynchus masou</i> | 807114 | |
| Temperature | | <i>Salmo gairdneri</i> | 807114 | |
| Salmonidae | 807469 | Heavy metal pollutants | | |
| Nitrogen | | Captive vs natural fishes | | |
| Salmonidae | 807469 | Salmonidae | | |
| Temperature | | <i>Oncorhynchus tshawytscha</i> | 806157 | |
| Oryziatidae | | Insecticide pollutants | | |
| <i>Oryzias latipes</i> | 805374 | Cyprinodontidae | | |
| Poeciliidae | | <i>Cyprinodon variegatus</i> | 807295 | |
| <i>Poecilia reticulata</i> | 805374 | Poeciliidae | | |
| Cyprinidae | | <i>Gambusia affinis</i> | 807499 | |
| <i>Carassius auratus</i> | 806055 | <i>Poecilia latipinna</i> | 807295 | |
| Water movement | | Cyprinidae | | |
| Pleuronectidae | | <i>Carassius auratus</i> | 804648 | |
| <i>Pleuronectes platessa</i> | 804192 | Experimental analysis | | |
| Water pressure | | Poeciliidae | | |
| Belontiidae | | <i>Gambusia affinis</i> | 809051 | |
| <i>Macropodus opercularis</i> | 807737 | Cyprinidae | | |
| Esocidae | | <i>Carassius auratus</i> | 806865 | |
| <i>Esox lucius</i> | 807737 | Breathing | | |
| | | Cyprinidae | | |
| | | <i>Carassius auratus</i> | 806865 | |

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|--|--------------------------------------|--------|------------------------------------|--------|
| Ichthyological techniques (continued) | Detergent pollutants | | Tissue culture techniques | |
| | Cyprinodontidae | | | |
| | <i>Jordanella floridae</i> | 805877 | Petromyzontomorpha | 809082 |
| | Poisonous fish | | Elasmobranchii | 809082 |
| | Oryziatidae | | Teleostei | 807001 |
| | <i>Oryzias latipes</i> | 803904 | Gobiidae | 809082 |
| | Venomous fish | | Pomadasyidae | 806422 |
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| | <i>Sardina priska</i> | 807724 | Elasmobranchii | |
| | Baltic Basin | | Acipenseromorpha | |
| | Petromyzontomorpha | | Teleostei (marine) | |
| | <i>Lampetra mariae</i> | 807664 | Elasmobranchii | |
| | Black Sea | | Acipenseromorpha | |
| | Gobiidae | 807322 | Teleostei | |
| | <i>Cabotia schmidtii</i> | 805366 | Triglidae | |
| | British Isles | | <i>Trigla</i> | 804470 |
| | Elopiformes | | Myctophidae | |
| | <i>Parabula casei</i> | 807593 | <i>Eomycetophum cozlae</i> | 805572 |
| Czechoslovakia | Phyllodontidae | 807593 | Gonostomatidae | |
| | Petromyzontomorpha | | <i>Idrissia carpiomanica</i> | 805572 |
| | <i>Lampetra</i> | 807149 | <i>Scopeloides pauci</i> | 805572 |
| | Teleostei | 808215 | <i>Vinciguerra macarovici</i> | 805572 |
| | Danube R | | Sardinia | |
| | Salmonidae | | Petromyzontomorpha | |
| | <i>Hucho hucho</i> | 804686 | <i>Petromyzon marinus</i> | 804098 |
| | <i>Salmo trutta</i> | 804636 | Teleostei | |
| | Don R | | Scotland (marine) | |
| | Cobitidae | | Rajidae | |
| Estonia | <i>Cobitis sibirica</i> | 807644 | <i>Raja microocellata</i> | 804261 |
| | <i>Cobitis taenia</i> | 807644 | Gobiidae | |
| | (marine) | | <i>Pomatoschistus microps</i> | 804261 |
| | Birkeniiformes | | Caproidae | |
| | <i>Saurolepis oeselensis</i> | 804193 | <i>Capros aper</i> | 804261 |
| | Cyathaspidiiformes | | Gobiesociformes | |
| | <i>Tolytepelepis undulata</i> | 804193 | <i>Apletodon microcephalus</i> | 804261 |
| | Thelodontomorpha | 804193 | Sicily | |
| | Climacodontomorpha | | Gobiidae | |
| | <i>Nostolepis gracilis</i> | 804193 | <i>Pomatoschistus tortonesei</i> | 806361 |
| | <i>Nostolepis striata</i> | 804193 | (marine) | |
| | Ichnacanthomorpha | | Gobiidae | |
| | <i>Gomphosus sandelensis</i> | 804193 | <i>Pomatoschistus tortonesei</i> | 806361 |
| | <i>Paracanthodes punctatus</i> | 804193 | Spain | |
| | Gemuendinomorpha | | Petromyzontomorpha | |
| | <i>Gemuendinida</i> | 804193 | Acipenseromorpha | |
| | Chondrostei | | Teleostei | |
| | <i>Andreolepis</i> | 804193 | Spitsbergen I | |
| | | | Thelodontomorpha | |
| | | | <i>Amaltheolepis winsnesi</i> | 805589 |
| | | | Coccoosteorhina | |
| | | | <i>Herasmus granulatus</i> | 805589 |
| | | | Porolepidomorpha | |
| | | | <i>Heimania ensis</i> | 805589 |

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|--|--------|-----------------------------------|--------|---------------|
| Sweden | | Suez Bay | | India |
| Paleoniscomorpha | | Cichlidae | | |
| <i>Andreolepis hedei</i> | 808938 | <i>Tilapia zilli</i> | 805055 | |
| Switzerland | | Syria | | Mideast |
| Gobiidae | | Cyprinidae | | |
| <i>Gobius sectus</i> | 805569 | <i>Capoeta barroisi</i> | 805880 | |
| <i>Lepidogobius bilidus</i> | 805569 | Turkey | | |
| Serranidae | | Cyprinidae | | North America |
| <i>Dapalis carinatus</i> | 805569 | <i>Capoeta capoeta</i> | 805880 | |
| <i>Dapalis rhomboidalis</i> | 805569 | Salmonidae | | |
| Cyprinodontidae | | <i>Salmo platycephalus</i> | 805879 | |
| <i>Cyprinodon dentifer</i> | 805569 | North America | | |
| <i>Cyprinodon subtrigonus</i> | 805569 | (marine) | | |
| Westphalia | | Salmonidae | | |
| Percopsiformes | | <i>Salvelinus fontinalis</i> | 807450 | |
| <i>Sphenoccephalus brachypterygius</i> | 807262 | Elopiiformes | | |
| Yugoslavia | | Phylloodontidae | 807593 | |
| Teleostei | 808374 | Ictaluridae | | |
| Mullidae | | <i>Noturus</i> | 807152 | |
| <i>Mullus gorjanovici</i> | 806421 | Salmonidae | | |
| India | | <i>Salvelinus fontinalis</i> | 807450 | |
| Bagridae | | Alaska | | |
| <i>Mystus</i> | 804856 | Cottidae | 807008 | |
| Salmonidae | | Salmonidae | 807008 | |
| <i>Salvelinus fontinalis</i> | 807450 | Alberta | | |
| Cochin | | Teleostei | 807358 | |
| (marine) | | | 807435 | |
| Soleidae | | Poeciliidae | 803758 | |
| <i>Zebrias cochinensis</i> | 808987 | Elopiiformes | | |
| Gulf of Mannar | | <i>Parabula casei</i> | 807593 | |
| Leionathidae | | Catostomidae | | |
| <i>Leionathus leuciscus</i> | 804281 | <i>Moxostoma anisurum</i> | 807358 | |
| <i>Leionathus smithursti</i> | 804281 | Arkansas | | |
| Hooghly R | | Percidae | | |
| Sciainidae | | <i>Etheostoma collettei</i> | 805481 | |
| <i>Dendrophysa hooghliensis</i> | 807575 | Ictaluridae | | |
| Jodhpur | | <i>Noturus albat</i> | 807152 | |
| Cyprinodontidae | | <i>Noturus flavater</i> | 807152 | |
| <i>Aphanius dispar</i> | 805565 | <i>Noturus lachneri</i> | 807152 | |
| Kashmir | | British Columbia | | |
| Teleostei | 808613 | (marine) | | |
| Nepal | | Cottidae | | |
| Teleostei | 808152 | <i>Radulinus boleoides</i> | 805952 | |
| Orissa | | California | | |
| (marine) | | Cobitidae | | |
| Elasmobranchii | 807243 | <i>Misgurnus anguillicaudatus</i> | 808740 | |
| Teleostei | 807243 | Ictaluridae | | |
| Gobiidae | | <i>Pylodictis olivaris</i> | 808720 | |
| <i>Oxyurichthys jaarmani</i> | 809006 | (marine) | | |
| Rajasthan | | Myctophidae | | |
| Centropomidae | | <i>Diaphus</i> | 804014 | |
| <i>Kapurdia bhargavai</i> | 808989 | Canada | | |
| Bibliography | 807250 | Petromyzontomorpha | 808437 | |
| (marine) | | Porolepionomorpha | | |
| Centropomidae | | <i>Heimania</i> | 805589 | |
| <i>Kapurdia bhargavai</i> | 806063 | Acipenseromorpha | 808437 | |
| Ranchi | | Semionotomorpha | 808437 | |
| Teleostei | 806389 | Teleostei | 808437 | |
| West Pakistan | | Coahuila | | |
| Cobitidae | | Poeciliidae | | |
| <i>Noemacheilus harnaiensis</i> | 804912 | <i>Xiphophorus couchianus</i> | 807184 | |
| <i>Noemacheilus pakistanicus</i> | 804912 | <i>Notropis xanthicara</i> | 808404 | |
| Cyprinidae | 806933 | Florida | | |
| <i>Cyprinion</i> | 805875 | Cyprinodontidae | | |
| Sisoridae | | <i>Fundulus insularis</i> | 809023 | |
| <i>Glyptothorax naziri</i> | 806933 | <i>Fundulus saganus</i> | 809023 | |
| Mideast | | Poeciliidae | | |
| Anatolia | | <i>Gambusia rhizophorae</i> | 807631 | |
| Cyprinidae | | Clariidae | | |
| <i>Leuciscus borythenicus</i> | 805478 | <i>Clarias batrachus</i> | 803676 | |
| <i>Leuciscus cephalus</i> | 805478 | (marine) | | |
| Clariidae | | Molidae | | |
| <i>Clarias lazera</i> | 805478 | <i>Ranzania laevis</i> | 806680 | |
| Esocidae | | Georgia | | |
| <i>Esox lucius</i> | 805478 | (marine) | | |
| Iran | | Carcharhinidae | | |
| Cyprinidae | | <i>Aprionodon isodon</i> | 804914 | |
| <i>Capoeta barroisi</i> | 805880 | <i>Carcharhinus acronotus</i> | 804914 | |
| <i>Schizothorax pelzami</i> | 805881 | Hudson Bay | | |
| Iraq | | (marine) | | |
| Elasmobranchii | 805700 | Cyclopteridae | | |
| Teleostei | 805700 | <i>Liparis koefoedi</i> | 805022 | |
| (marine) | | <i>Liparis tunicatus</i> | 805022 | |
| Elasmobranchii | 805700 | Zoarcidae | | |
| Teleostei | 805700 | <i>Gymnelis viridis</i> | 805022 | |
| L. Kinnereth | | <i>Lycodes pallidus</i> | 805022 | |
| Teleostei | 805354 | Salmonidae | | |
| L. Tiberias | | <i>Salmo salar</i> | 805022 | |
| Teleostei | 805354 | Illinois | | |
| Lebanon | | Cladoselachomorpha | | |
| Elopomorpha | | <i>Bandringa rayi</i> | 803581 | |
| <i>Sedenhorstia orientalis</i> | 803541 | | | |

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|------------------------------|---------------------------------|--------|--------------------------------------|--------|
| North America (continued) | Dipnoi | | Ictaluridae | |
| | <i>Conchopoma edesi</i> | 806436 | <i>Noturus baileyi</i> | 807152 |
| North Asia | Kansas | | <i>Noturus flavipinnis</i> | 807152 |
| | Amiromorpha | | Texas | |
| South America | <i>Paraliodesmus guadagni</i> | 804006 | Semionotomorpha | |
| | Ictaluridae | | <i>Lepidotes</i> | 804009 |
| Kentucky | <i>Noturus placidus</i> | 807152 | Poeciliidae | |
| | Ictaluridae | | <i>Gambusia georgei</i> | 807597 |
| Louisiana | <i>Noturus elegans</i> | 807152 | (marine) | |
| | Kodiak I | | Dasyatidae | |
| L. Ontario | Gasterosteidae | 807018 | <i>Urolophus jamaicensis</i> | 804948 |
| | Salmonidae | 807018 | Rajidae | |
| L. Waccamaw | Teleostei | 808410 | <i>Raja eglanteria</i> | 804948 |
| | Holostei | 807835 | Isuridae | |
| Teleostei | 807835 | | <i>Squalicorax</i> | 803839 |
| Louisiana | Percidae | | Utah | |
| | <i>Etheostoma collettei</i> | 805481 | Catostomidae | |
| Massachusetts Bay | Stichaeidae | | <i>Xyrauchen texanus</i> | 807090 |
| | <i>Stichaeus punctatus</i> | 807428 | Wyoming | |
| Mississippi R | Ictaluridae | | Albulidae | |
| | <i>Noturus phaeus</i> | 807152 | <i>Coriops amnicolus</i> | 804910 |
| Missouri | <i>Noturus stigmosus</i> | 807152 | North Asia | |
| | Acipenseromorpha | 809046 | Cottidae | |
| Teleostei | Ictaluridae | 809046 | <i>Cottus gobio</i> | 805264 |
| | <i>Noturus albat</i> | 807152 | Afghanistan | |
| Missouri R | <i>Noturus flavater</i> | 807152 | Cyprinidae | |
| | Teleostei | 807435 | <i>Schizocypis ladigesi</i> | 805881 |
| Montana | Palenisciformes | | China | |
| | <i>Allenkyperus montanus</i> | 805019 | Cyprinidae | |
| Amiromorpha | <i>Palaeolabrus montanensis</i> | 804910 | <i>Ancherythroculter brevianalis</i> | 808712 |
| | Percopsidae | | <i>Gobiobotia intermedia</i> | 808712 |
| Percopsis omiscomaycus | <i>Percopsis omiscomaycus</i> | 807960 | Japan | |
| | Elopiformes | | Petromyzontomorpha | |
| Parabula casei | <i>Parabula casei</i> | 807593 | <i>Entosphenus japonicus</i> | 807194 |
| | New Mexico | | Teleostei | 807194 |
| Osteolepidomorpha | <i>Osteolepidomorpha</i> | 804012 | Cyprinidae | 806041 |
| | Gasterosteidae | | Salmonidae | 806678 |
| North Carolina | <i>Gasterosteus wheatlandi</i> | 807367 | <i>Salvelinus fontinalis</i> | 807450 |
| | Holostei | 807835 | Argentina | |
| Teleostei | 807835 | | Dasyatidae | |
| Ohio | <i>Noturus trautmani</i> | 807152 | <i>Potamotrygon castexi</i> | 807167 |
| | Ictaluridae | | Bolivia | |
| Oklahoma | <i>Noturus placidus</i> | 807152 | Dasyatidae | |
| | Cyprinidae | | <i>Potamotrygon castexi</i> | 807167 |
| Phoxinus eos X | <i>Phoxinus eos X</i> | 805540 | Cyprinodontidae | |
| | <i>Phoxinus neogaeus X</i> | | <i>Rivulichthys luelingi</i> | 805890 |
| Oregon | Umbridae | | Brazil | |
| | <i>Novumbra oregonensis</i> | 803656 | Callichthyidae | |
| Prince Edward I | Cyprinidae | | <i>Corydoras baderi</i> | 805719 |
| | <i>Phoxinus eos</i> | 807383 | Loricariidae | |
| Quebec | Arthrodira | | <i>Plecostomus topavae</i> | 804015 |
| | <i>Batieraspis fulgens</i> | 809095 | Pimelodontidae | |
| Cartieraspis nigra | <i>Cartieraspis nigra</i> | 809095 | <i>Chasmocranus lopezi</i> | 807122 |
| | <i>Gaspeaspis cassivi</i> | 809095 | Trichomycteridae | |
| Kolpaspis beaudryi | <i>Kolpaspis beaudryi</i> | 809095 | <i>Pygidium stawarski</i> | 806919 |
| | <i>Laurensaspis splendida</i> | 809095 | (marine) | |
| Phlyctaenaspis atholi | <i>Phlyctaenaspis atholi</i> | 809095 | Rhinobatidae | |
| | <i>Quebecaspis russelli</i> | 809095 | <i>Rhinobatos beurleni</i> | 804101 |
| (marine) | Cephalaspidomorpha | | Chile | |
| | <i>Cephalaspis lunata</i> | 804391 | Salmonidae | |
| Cephalaspis peninsulac | <i>Cephalaspis peninsulac</i> | 804391 | <i>Oncorhynchus kisutch</i> | 804694 |
| | <i>Cephalaspis sydenhami</i> | 804391 | (marine) | |
| Saskatchewan | Teleostei | 807435 | Bovichthyidae | |
| | Tennessee | | <i>Cottopeca gobio</i> | 804902 |
| Ictaluridae | <i>Noturus elegans</i> | 807152 | Nototheniidae | 804902 |
| | <i>Noturus hildebrandi</i> | 807152 | Zoaridae | |
| Tennessee R | Percidae | | <i>Austrolycus depressiceps</i> | 804902 |
| | <i>Etheostoma tippecanoe</i> | 804010 | <i>Mayneia patagonica</i> | 804902 |
| Ecuador | | | Ecuador | |
| | | | (marine) | |
| Guyana | | | Clinidae | |
| | | | <i>Paraclinus fehlmanni</i> | 806776 |
| Parana R | | | Guyana | |
| | | | Cichlidae | |
| Trichomycteridae | | | <i>Pygidium stawarski</i> | 806919 |
| | | | Rio Negro | |
| Apistogramma gibbiceps | | | Cichlidae | |
| | | | | 804714 |

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| Surinam | | British Isles | |
| Loricariidae | | Elasmobranchii | 808133 South Asia |
| <i>Hypostomus coppenamensis</i> | 806772 | Teleostei | 808133 |
| <i>Hypostomus nickeriensis</i> | 806772 | Trachipteridae | |
| Venezuela | | <i>Trachipterus arcticus</i> | 805977 North Atlantic Ocean |
| Elasmobranchii | 804160 | Bramidae | |
| Teleostei | 804160 | <i>Brama brama</i> | 805977 |
| Doradidae | | <i>Pterycombus brama</i> | 805977 |
| <i>Anduzedoras arleo</i> | 807929 | Salmonidae | |
| <i>Anduzedoras copei</i> | 807929 | <i>Oncorhynchus gorbuscha</i> | 805977 |
| <i>Deltadoras guayoensis</i> | 807929 | Canada | |
| <i>Hildadoras bolivarensis</i> | 807929 | Polymixiidae | |
| <i>Hildadoras orinocensis</i> | 807929 | <i>Polymixia lowei</i> | 807517 |
| <i>Hoplodoras ramirezi</i> | 807929 | Nomeidae | |
| <i>Oxydoras holdeni</i> | 807929 | <i>Psenes maculatus</i> | 807517 |
| <i>Oxydoras sifontesi</i> | 807929 | Myctophidae | 807517 |
| <i>Pterodoras angeli</i> | 807929 | Caribbean Sea | |
| <i>Sachsdoras apurensis</i> | 807929 | Teleostei | 806209 |
| <i>Zathorax gonzalezi</i> | 807929 | Centrolophidae | |
| South Asia | | <i>Schedophilus pamarco</i> | 806775 |
| Indonesia | | Engraulidae | |
| Clupeidae | 804279 | <i>Anchoa</i> | 808366 |
| Engraulidae | 804279 | <i>Anchovia</i> | 808366 |
| Malaya | | Ophidiidae | |
| Clupeidae | 804279 | <i>Sciadonops pedicellaris</i> | 805709 |
| Engraulidae | 804279 | Argentinidae | |
| Homalopteridae | | <i>Argentina brucei</i> | 808661 |
| <i>Homaloptera nebulosa</i> | 805671 | <i>Argentina georgei</i> | 808661 |
| <i>Homaloptera nigra</i> | 805671 | <i>Argentina stewarti</i> | 808661 |
| Thailand | | Corsica | |
| Cyprinidae | 807107 | Gobiidae | 806634 |
| (marine) | | Cuba | |
| Lutjanidae | 808493 | Cyprinodontidae | |
| Serranidae | 808495 | <i>Fundulus saguanus</i> | 809023 |
| North Atlantic O | | Poeciliidae | |
| Teleostei | 808081 | <i>Gambusia rhizophorae</i> | 807631 |
| Trichiuridae | | Fernando Poo I | |
| <i>Assurger anzac</i> | 804194 | (freshwater) | |
| Scorpaenidae | 807036 | Cyprinodontidae | |
| Xenocomgridae | 804186 | <i>Aphyosemion</i> | 803659 |
| Cetomimidae | | Florida | |
| <i>Cetomimus hempeli</i> | 807102 | Echeneidae | |
| Myctophidae | | <i>Remorina albescent</i> | 807579 |
| <i>Lampadena urophas</i> | 804194 | Georgia | |
| | 807148 | Cyprinodontidae | |
| Paralepididae | | <i>Fundulus luciae</i> | 806869 |
| <i>Pontosodus quadrimaculata</i> | 808478 | Greenland | |
| <i>Sudis atrox</i> | 804194 | Elasmobranchii | 805346 |
| Africa | | Acipenseromorpha | 805346 |
| Elasmobranchii | 806481 | Teleostei | 805346 |
| Teleostei | 806481 | Gadidae | |
| Sparidae | 805663 | <i>Molva dypterygia</i> | 805084 |
| Europe | | Gulf of Mexico | |
| Elasmobranchii | 805346 | Chimaeromorpha | |
| Acipenseromorpha | 805346 | <i>Rhinochimaera atlantica</i> | 807586 |
| Teleostei | 805346 | Teleostei | 806209 |
| Gobiidae | | Bathyclupeidae | |
| <i>Thorogobius ephippiatus</i> | 805403 | <i>Bathyclupea argentea</i> | 807621 |
| Adriatic Sea | | Bothidae | |
| Elasmobranchii | 807300 | <i>Citharichthys abbotti</i> | 806778 |
| Teleostei | 807300 | Tetraodontidae | |
| Nomeidae | | <i>Sphoeroides parvus</i> | 808403 |
| <i>Cubiceps gracilis</i> | 805867 | Sternoptychidae | 804915 |
| Merlucciidae | | Gulf of St Lawrence | |
| <i>Merluccius merluccius</i> | 808297 | Ariomidae | |
| Alligator Reef, Florida | | <i>Ariomma bondi</i> | 807523 |
| Elasmobranchii | 807885 | Haiti | |
| Teleostei | 807885 | Poeciliidae | |
| Azores I | | <i>Gambusia pseudopunctata</i> | 807631 |
| Scorpaenidae | | Iceland | |
| <i>Scorpaena azorica</i> | 807036 | Teleostei | 808078 |
| Bahamas I | | | 808131 |
| Hexanchiformes | | Apogonidae | |
| <i>Hexanchus vitulus</i> | 803737 | <i>Epigonus telescopus</i> | 808131 |
| Gobiidae | | Serranidae | |
| <i>Evermannichthys convictor</i> | 805876 | <i>Dicentrarchus labrax</i> | 808131 |
| <i>Evermannichthys silus</i> | 805876 | Clupeidae | |
| <i>Pariah scotius</i> | 805402 | <i>Sardina pilchardus</i> | 808078 |
| Gobiesociformes | | Ophidiidae | |
| <i>Derilissus nanus</i> | 807594 | <i>Bythites</i> | 803880 |
| Baltic Sea | | <i>Bythites fuscus</i> | 808131 |
| Teleostei | 808082 | Ireland | |
| Barbados | | Elasmobranchii | 807180 |
| Elopiformes | | Teleostei | 807180 |
| Phyllodontidae | 807593 | Syngnathidae | |
| Black Sea | | <i>Syngnathus rostellatus</i> | 803631 |
| Elasmobranchii | 807756 | Callionymidae | |
| Teleostei | 807756 | <i>Callionymus reticulatus</i> | 803631 |
| | 808351 | Gobiidae | |
| Brazil | | <i>Gobius forsteri</i> | 803631 |
| Elasmobranchii | 808188 | Italy | |
| Teleostei | 808188 | Blenniidae | 806594 |

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|-------------------------------------|--------------------------------|--------|-----------------------------------|--------|
| North Atlantic Ocean (continued) | Ligurian Sea | | South America | |
| | Squalomorpha | 805475 | Antarctic O | |
| | Blenniidae | | Centrolophidae | |
| | <i>Blennius</i> | 807998 | <i>Pseudocichthys australis</i> | 807751 |
| South Atlantic Ocean | Maine | | Angola | |
| | Sciaenidae | | Trachipteridae | |
| | <i>Sciaenops ocellata</i> | 807624 | <i>Trachipterus woodi</i> | 804423 |
| North Pacific Ocean | Mediterranean Sea | 806363 | Tetragonuridae | |
| | Elasmobranchii | 805346 | <i>Tetragonurus cuvieri</i> | 804423 |
| | Acipenseromorpha | 805346 | Cottunculidae | |
| | Teleostei | 805346 | <i>Cottunculus brephocephalus</i> | 806788 |
| | Blenniidae | | Argentina | |
| | <i>Blennius</i> | 805882 | Centrolophidae | |
| | <i>Blennius inaequalis</i> | 805146 | <i>Ichthyus australis</i> | 808477 |
| | Tripterygiidae | | Bay of Santos | |
| | <i>Tripterygion nasus</i> | 805882 | Sciaenidae | 807047 |
| | Gobiidae | | Brazil | |
| | <i>Odondebuena balearica</i> | 806364 | Hexanchiformes | |
| | Serranidae | | <i>Notorynchus pectorosus</i> | 807049 |
| | <i>Epinephelus tauvina</i> | 805477 | Sciaenidae | 807047 |
| | Clupeidae | | Paralepididae | |
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Acta Scientiarum Naturalium Academiae Scientiarum
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Acta Scientifica. Dto. de Zoologia del Ilafir, Universidad
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| Amer J Anat | American Journal of Anatomy |
| Amer J Pharm Educ | American Journal of Pharmaceutical Education |
| Amer J Physiol | American Journal of Physiology |
| Amer J Psychol | American Journal of Psychology |
| Amer J Sci | American Journal of Science |
| Amer Midland Natur | The American Midland Naturalist |
| Amer Mus Novitates | American Museum Novitates |
| Amer Natur | The American Naturalist |
| Amer Phil Soc Yearb | American Philosophical Society Yearbook |
| Amer Zool | American Zoologist |
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| An Mus Hist Natur Valparaiso | Anales del Museo de Historia Natural de Valparaiso |
| Anal Biochem | Analytical Biochemistry |
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| Angew Parasitol | Angewandte Parasitologie |
| Anim Behav | Animal Behaviour |
| Anim Behav Monogr | Animal Behavior Monographs |
| Anim Blood Groups Biochem Genet | Animal Blood Groups and Biochemical Genetics |
| Anim Kingdom | Animal Kingdom |
| Animals | Animals. The International Wildlife Magazine |
| Ann Acad Regiae Sci Upsal | Annales Academiae Regiae Scientiarum Upsaliensis (Kungliga Vetenskapsakademien i Uppsala Arsbok) |
| Ann Acad Sci Fenn Ser A IV Biol | Annales Academiae Scientiarum Fennicae Series A IV Biologica |
| Ann ACFAS | Annales de l'ACFAS (Association Canadienne-Francaise pour l'Avancement des Sciences) |
| Ann Biol Anim Biochim Biophys | Annales de Biologie Animale Biochimie Biophysique |
| Ann Biol Cons Perma Int Explor Mer | Annales Biologiques Conseil Permanent International pour l'Exploration de la Mer |
| Ann Cape Prov Mus | Annals of the Cape Provincial Museums Natural History |
| Ann Carnegie Mus | Annals of Carnegie Museum |
| Ann Endocrinol | Annales d'Endocrinologie |
| Ann Fac Sci Marseille | Annales de la Faculte des Sciences de Marseille |
| Ann Geol Peninsule Balkan | Annales Geologiques de la Peninsule Balkanique |
| Ann Hist-Natur Mus Nat Hung | Annales Historico-Naturales Musei Nationalis Hungarici |
| Ann Inst Oceanogr | Annales de l'Institut Oceanographique |
| Ann Inst Biol (Tihany) Hung Acad Sci | Annales Instituti Biologici (Tihany) Hungaricae Academiae Scientiarum |
| Ann Limnol | Annales de Limnologie |
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| Ann Mus Roy Afr Cent Ser Octavo Sci Geol | Annales du Musee Royale de l'Afrique Centrale Serie in Octavo Sciences Geologiques |
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| Ann Naturhist Mus Wien | Annalen des Naturhistorischen Museums in Wien |
| Ann N Y Acad Sci | Annals of the New York Academy of Sciences |
| Ann Paleontol | Annales de Paleontologie |
| Ann Parasitol Hum Comp | Annales de Parasitologie Humaine et Comparee |
| Ann S Afr Mus | Annals of the South African Museum |
| Ann Sci Natur Zool Biol Anim | Annales des Sciences Naturelles. Zoologie et Biologie Animale |
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| Ann Soc Roy Zool Belge | Annales de la Societe Royale Zoologique de Belgique |
| Ann Speleol | Annales de Speleologie |
| Ann Univ Ferrara Sez 13 Anat Fisiol Comp | Annali della Universita di Ferrara Sezione XIII Anatomia e Fisiologia Comparata |
| Ann Transvaal Museum | Annals of the Transvaal Museum |
| Ann Univ Mariae Curie-Sklodowska Sect C Biol | Annales Universitatis Mariae Curie-Sklodowska Sectio C Biologia |
| Ann Univ Sci Budapest Rolando Eotvos Nominatae Sect Biol | Annales Universitatis Scientiarum Budapestinensis de Rolando Eotvos Nominatae Sectio Biologica |
| Ann Zool | Annales Zoologici |
| Ann Zool Fennici | Annales Zoologici Fennici |
| Annee Biol | l'Annee Biologique |
| Annot Zool Jap | Annotationes Zoologicae Japonenses |
| Annu Anim Psychol | The Annual of Animal Psychology |
| Annu Rep Alaska Dep Fish Game | Annual Report Alaska Department of Fish and Game |
| Annu Rep Div Fish Game N J | Annual Report of the Division of Fish and Game New Jersey Department of Conservation and Economic Development |
| Annu Rep Inter-Amer Trop Tuna Comm | Annual Report of the Inter-American Tropical Tuna Commission |
| Annu Rep Mar Biol Sta Univ Liverpool | Annual Report Marine Biological Station University of Liverpool |
| Annu Rep Univ Calif Inst Mar Resour | Annual Report University of California Institute of Marine Resources |
| Annu Rev Biochem | Annual Review of Biochemistry |
| Annu Rev Physiol | Annual Review of Physiology |
| Antarctic J U S | Antarctic Journal of the United States |
| Antonie van Leeuwenhoek J Microbiol Serol | Antonie van Leeuwenhoek. Journal of Microbiology and Serology |
| Appl Microbiol | Applied Microbiology |
| Aqua Terra | Aqua Terra (Switzerland) |
| Aquarama | Aquarama (France) |
| Aquarien Mag | Aquarien Magazin |
| Aquarien Terrarien Z | Die Aquarien-und-Terrarien Zeitschrift |
| Aquarist Pondkpr | The Aquarist and Pondkeeper |
| Aquarium | The Aquarium (Maywood, N.J.) |
| Aquarium (Den Haag) | Het Aquarium |
| Aquilo Ser Zool | Aquilo Ser. Zoologica |
| Arbok Univ Bergen Mat-Naturvitensk Ser | Arbok for Universitetet i Bergen Matematisk-Naturvitenskapelig Serie |
| Arch Anat Histol Embryol | Archives d'Anatomie, d'Histologie et d'Embryologie. Normales et Experimentales |
| Arch Anat Microsc Morphol Exp | Archives d'Anatomie Microscopique et de Morphologie Experimentale |
| Arch Biochem Biophys | Archives of Biochemistry and Biophysics |
| Arch Biol | Archives de Biologie |
| Arch Fischereiwiss | Archiv fur Fischereiwissenschaft |
| Arch Histologicium Japonicum | Archivum Histologicum Japonicum |
| Arch Hydrobiol | Archiv fur Hydrobiologie (Stuttgart) |
| Arch Int Physiol Biochim | Archives Internationales de Physiologie et de Biochimie |
| Arch Ital Anat Embriol | Archivio Italiano di Anatomia e di Embriologia |
| Arch Oral Biol | Archives of Oral Biology |
| Arch Zool Ital | Archivio Zoologico Italiano |
| Archeol Surv Annu Rep Dep Anthropol Univ Calif Los Angeles | Archeological Survey Annual Report, Department of Anthropology, University of California |
| Arctic Inst N Amer Tech Pap | Arctic Institute of North America Technical Paper |
| Arh Biol Nauka | Arhiv Bioloskih Nauka (Yugoslavia) |
| Arh Biol Nauka Transl | Arhiv Bioloskih Nauka (Yugoslavia) (Translated from Serbo-Croatian) |
| Arizoo | Arizoo (Phoenix, Arizona) |
| Arq Cienc Mar (Fortaleza) | Arquivos de Ciencias do Mar |
| Arq Mus Bocage Notas Supl Ser 2 | Arquivos do Museu Bocage. Second Series Notas e |

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| Arq Zool Sao Paulo | Suplementos |
| Artis | Arquivos de Zoologia Sao Paulo |
| ASB (Ass Southeast Biol) Bull | Artis (Amsterdam) |
| Astarte | The ASB Bulletin (Philadelphia) |
| Atas Soc Biol Rio de Janeiro | Astarte |
| Atlantide Rep | Atas da Sociedade de Biologia do Rio de Janeiro |
| Atlas Jap Fossils | Atlantide Report |
| Atoll Res Bull | Atlas of Japanese Fossils |
| Atomes (Paris) | Atoll Research Bulletin |
| Atti Accad Naz Lincei Rend Cl Sci | Atomes |
| Fis Mat Natur | Atti della Accademia Nazionale dei Lincei. Rendiconti; Classe di Scienze Fisiche, Matematiche e Naturale |
| Atti Ist Geol Univ Pavia | Atti dell'Istituto Geologico della Universita di Pavia |
| Atti Soc Ital Sci Natur Mus Civico Storia Natur Milano | Atti della Societa Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano |
| Atti Soc Peloritana Sci Fis Mat Natur | Atti della Societa Peloritana di Scienze Fisiche Matematiche e Naturale |
| Audubon Mag | Audubon Magazine |
| Aust Fish | Australian Fisheries (formerly, Australian Fisheries Newsletter) |
| Aust Fish Newslett | Australian Fisheries Newsletter (renamed, 1969, Australian Fisheries) |
| Aust J Exp Biol Med Sci | The Australian Journal of Experimental Biology and Medical Science |
| Aust J Mar Freshwater Res | Australian Journal of Marine and Freshwater Research |
| Aust J Sci | The Australian Journal of Science |
| Aust J Zool | Australian Journal of Zoology |
| Aust Natur Hist | Australian Natural History |
| Aust Soc Limnol Bull | Australian Society for Limnology Bulletin |
| Aust Zool | The Australian Zoologist |
| Bamidgeh | Bamidgeh |
| Beaufortia | Beaufortia |
| Behaviour | Behaviour. An International Journal of Comparative Ethology |
| Beitr Naturk Forsch Sudwestdeutschland | Beitrage zur Naturkundlichen Forschung in Sudwestdeutschland |
| Ber Deut Wiss Kom Meeresforsch | Berichte der Deutschen Wissenschaftlichen Kommission fur Meeresforschung |
| Ber Oberhess Ges Natur Heilk Giessen | Bericht der Oberhessischen Gesellschaft fur Natur- und Heilkunde zu Giessen Neue Folge |
| Naturwiss Abt N S | Betes et Nature |
| Betes et Nature | Bibliography of Agriculture |
| Bibliogr Agr | Biochemical and Biophysical Research Communications |
| Biochem Biophys Res Commun | Biochemical Genetics |
| Biochem Genet | Biochemical Journal |
| Biochem J | Biochemistry |
| Biochemistry | Biochimica et Biophysica Acta |
| Biochim Biophys Acta | Biologia (Bratislava) |
| Biologia (Bratislava) | Biologia (Lahore) |
| Biologia (Lahore) | Biol Gabonica |
| Biol Gabonica | Biol Kozlemenyek |
| Biol Kozlemenyek | Biol Bull |
| Biol Bull | Biol Bull Dep Biol Coll Sci Tunghai Univ |
| Biol Bull Dep Biol Coll Sci Tunghai Univ | Biol Conserv |
| Biol Conserv | Biol Glasnik |
| Biol Glasnik | Biol Hum Aff |
| Biol Hum Aff | Biol J Linn Soc |
| Biol J Linn Soc | |
| Biol J Okayama Univ | Biol J Okayama Univ |

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| Biol Pap Univ Alaska | Biological Papers of the University of Alaska |
| Biol Pr | Biologické Práce |
| Biol Reprod | Biology of Reproduction |
| Biol Rev (Cambridge) | Biological Reviews of the Cambridge Philosophical Society |
| Biol Vestn | Biološki Vestnik |
| Biol Skr Dan Vidensk Selsk | Biologiske Skrifter Danske Videnskabernes Selskab |
| Biol Zentralbl | Biologisches Zentralblatt |
| Biol Zh Arm | Biologicheskii Zhurnal Armenii |
| Biologist (Phi Sigma Soc) | The Biologist (Phi Sigma Society) |
| Biometrics | Biometrics |
| BioScience | BioScience |
| Biota | Biota |
| Blood | Blood |
| Bocagiana Mus Munic Funchal | Bocagiana. Museu Municipal do Funchal |
| Bol Esta Biol Mar Univ Fed Ceara | Boletim da Estacao de Biologia Marinha da Universidade Federal do Ceara |
| Bol Inst Oceanogr | Boletim do Instituto Oceanografico (Sao Paulo) |
| Bol Inst Oceanogr Univ Oriente Cumana | Boletin del Instituto Oceanografico de Oriente Cumana |
| Bol Mus Nac Rio de Janeiro Zool | Boletin Museo Nacional Rio de Janeiro Zoologia |
| Biol Real Soc Espan Hist Natur Sec Biol | Boletin de la Real Sociedad Espanol Natural Seccion Biologica |
| Bol Real Soc Espan Hist Natur Sec Geol | Boletin de la Real Sociedad Espanola de Historia Natural Seccion Geologica |
| Bol Soc Cearense Agron | Boletim da Sociedade Cearense de Agronomia |
| Bol Univ Parana Zool | Boletim da Universidade do Parana Zoologia |
| Bol Soc Venez Cienc Natur | Boletin de la Sociedad Venezolana de Ciencias Naturales |
| Boll Mus Civ Storia Natur Venezia | Bollettino del Museo Civico di Storia Naturale di Venezia |
| Boll Mus Ist Biol Univ Genova | Bollettino dei Musei e degli Istituti Biologici dell'Universita di Genova |
| Boll Pesca Piscicult Idrobiol | Bollettino di Pesca, Piscicoltura e Idrobiologia |
| Boll Soc Ital Biol Sper | Bollettino della Societa Italiana di Biologia Sperimentale |
| Boll Zool | Bollettino di Zoologia |
| Bonner Zool Beitr | Bonner Zoologische Beiträge |
| Brain Behav Evol | Brain, Behavior and Evolution |
| Brain Res | Brain Research |
| Breviora | Breviora. Museum of Comparative Zoology. Harvard University |
| Brigham Young Univ Geol Stud | Brigham Young University Geology Studies |
| Brit Antarctic Surv Bull | British Antarctic Survey Bulletin |
| Brit Birds | British Birds |
| Brit Mus (Natur Hist) Bull Geol | British Museum (Natural History) Bulletin Geology |
| Brit Mus (Natur Hist) Bull Hist Ser | British Museum (Natural History) Bulletin Historical Series |
| Brit Mus (Natur Hist) Bull Zool | British Museum (Natural History) Bulletin Zoology |
| Brookhaven Symp Biol | Brookhaven Symposia in Biology |
| Broteria | Broteria. Serie de Ciencias Naturales |
| Bul Inst Cercet Proiect Piscic | Buletinul Institutului de Cercetari si Proiectati Piscicole |
| Bulg Akad Nauk Izv Zool Inst Mus | Bulgarska Akademiya na Naukite. Izvestiya na Zoologicheskii Institut s Musei |
| Bull Acad Polonaise Sci Biol | Bulletin de l'Academie Polonaise des Sciences |
| Bull Acad Serbe Sci Cl Sci Math Natur | Bulletin de l'Academie Serbe des Sciences Classe des Sciences Mathematiques et Naturelles |
| Bull Agr Exp Sta Kansas State Univ | Bulletin of the Agricultural Experiment Station Kansas State University |
| Bull Amer Mus Natur Hist | Bulletin of the American Museum of Natural History |
| Bull Archeol Soc N J | Bulletin. The Archeological Society of New Jersey |
| Bull At Soc | Bulletin of the Atomic Scientists |

- Bull Buffalo Soc Natur Sci
 Bull Bur Rech Geol Minieres Ser 2
 Sect 1
 Bull Cent Mar Fish Res Inst
 Bull Centre Etud Rech Sci Biarritz
 Bull Dep Zool Univ Panjab N S
 Bull Fac Fish Hokkaido Univ
 Bull Fac Sci Cairo Univ
 Bull Far Seas Fish Res Lab
 Bull Field Mus Natur Hist
 Bull Ga Acad Sci
 Bull Geol Surv Canada
 Bull Hokkaido Reg Fish Res Lab
 Bull Inst Fond Afr Noire Ser A
 Bull Inst Peches Marit Maroc
 Bull Inst Roy Sci Natur Belg
 Bull Inst Zool Acad Sinica (Taipei)
 Bull Inter-Amer Trop Tuna Comm
 Bull Jap Soc Sci Fish
 Bull Los Angeles County Mus Natur Hist
 Bull Mar Sci
 Bull Mens Soc Linn Lyon
 Bull Misaki Mar Biol Inst Kyoto Univ
 Bull Mt Desert Isl Biol Lab
 Bull Mus Hist Natur Marseille
 Bull Nat Mus Can
 Bull Nat Sci Mus (Tokyo)
 Bull Oreg State Game Comm
 Bull Osaka Mus Natur Hist
 Bull Pusan Fish Coll (Natur Sci)
 Bull S C Acad Sci
 Bull Sch Orient Afr Stud Univ London
 Bull Sci Cons Acad RSF Yougoslavie
 Sect A Sci Natur Tech Med
 Bull Sea Fish Res Sta Haifa
 Bull Soc Geol Fr
 Bull Soc Hist Natur Toulouse
 Bull Soc Roy Sci Liege
 Bull Soc Sci Bretagne
 Bull Soc Zool Fr
 Bull Sport Fishing Inst
 Bull State Geol Natur Hist Surv Conn
 Bull Texas Archeol Soc
 Bull Tokai Reg Fish Res Lab
 Bull Wildlife Dis Ass
- Bulletin of the Buffalo Society of Natural Sciences
 Bulletin du Bureau de Recherches Geologiques
 et Minieres
 Bulletin of Central Marine Fisheries Research Institute
 Bulletin du Centre d'Etudes et de Recherches
 Scientifiques
 Bulletin of the Department of Zoology, University
 of the Panjab, New Series
 Bulletin of the Faculty of Fisheries Hokkaido
 University
 Bulletin of the Faculty of Science Cairo University
 Bulletin of the Far Seas Fishery Research Laboratory
 Bulletin Field Museum of Natural History
 Bulletin of the Georgia Academy of Science
 Bulletin of the Geological Survey of Canada
 Bulletin of the Hokkaido Regional Fisheries
 Research Laboratory
 Bulletin de l'Institut Fondamental d'Afrique
 Noire. Serie A: Sciences Naturelles. (Dakar)
 Bulletin de l'Institut des Peches Maritimes
 du Maroc
 Bulletin Institut Royal Scientifique Naturelle
 Belgique
 Bulletin of the Institute of Zoology Academia
 Sinica (Taipei)
 Bulletin of the Inter-American Tropical Tuna
 Commission
 Bulletin of the Japanese Society of Scientific
 Fisheries
 Bulletin of the Los Angeles County Museum of
 Natural History. Science
 Bulletin of Marine Science (Coral Gables, Florida)
 Bulletin Mensuel de la Societe Linneenne de Lyon
 Bulletin of the Misaki Marine Biological Institute
 of Kyoto University
 Bulletin of the Mount Desert Island Biological
 Laboratory
 Bulletin du Museum d'Histoire Naturelle de Marseille
 Bulletin of the National Museum of Canada
 Bulletin of the National Science Museum
 Bulletin of the Oregon State Game Commission
 Bulletin of the Osaka Museum of Natural History
 Bulletin of Pusan Fisheries College (Natural
 Science)
 Bulletin of the South Carolina Academy of Science
 Bulletin of the School of Oriental and African
 Studies. University of London
 Bulletin Scientifique. Conseil des Academies
 de la RSF de Yougoslavie. Section A. Sciences
 Naturelles Techniques et Medicales
 Bulletin of the Sea Fisheries Research Station Haifa
 Bulletin de la Societe Geologique de France
 Bulletin de la Societe d'Histoire Naturelle de Toulouse
 Bulletin de la Societe Royale des Sciences de Liege
 Bulletin de la Societe Scientifique de Bretagne
 Bulletin de la Societe Zoologique de France
 Bulletin Sport Fishing Institute
 Bulletin of the State Geological and Natural
 History Survey of Connecticut. A Division of
 the Department of Agriculture and Natural Resources
 Bulletin of the Texas Archeological Society
 Bulletin of the Tokai Regional Fisheries
 Research Laboratory
 Bulletin of the Wildlife Disease Association

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| Bull Wildlife Dis Ass (Proc Annu Conf) | Bulletin of the Wildlife Disease Association (Proceedings of the Annual Conference) |
| Bull Zool Mus Univ Amsterdam | Bulletin Zoologisch Museum Universiteit van Amsterdam |
| Bull Zool Nomencl | Bulletin of Zoological Nomenclature |
| Buntbarsche Bull | Buntbarsche Bulletin (American Cichlid Association) |
| Byullet' Mosk Obshchest Ispyt Prir Otd Biol | Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii |
| C R Ass Anat | Comptes Rendus de l'Association des Anatomistes |
| C R Hebd Seances Acad Sci Paris Ser D | Comptes Rendus Hebdomadaires des Seances de l'Academie des Sciences (Paris) |
| C R Seances Soc Biol | Comptes Rendus des Seances de la Societe de Biologie et de ses Filiales |
| C R Seances Soc Phys Hist Natur Geneve | Compte Rendu des Seances de la Societe de Physique et d'Histoire Naturelle de Geneve |
| C S I R O (Commonw Sci Ind Res Organ) Div Fish Oceanogr Annu Rep | C S I R O Annual Report. Division of Fisheries and Oceanography |
| C S I R O (Commonw Sci Ind Res Organ) Div Fish Oceanogr Tech Pap | C S I R O Technical Paper. Division of Fisheries and Oceanography |
| Cad Amazonia | Cadernos da Amazonia. Instituto Nacional de Pesquisas da Amazonia |
| Cah Biol Mar | Cahiers de Biologie Marine |
| Cah ORSTOM (Office Rech Sci Tech Outre-Mer) Ser Hydrobiol | Cahiers ORSTOM (Office de la Recherche Scientifique et Technique Outre-Mer) Serie Hydrobiologie |
| Cah ORSTOM (Office Rech Sci Tech Outre-Mer) Ser Oceanogr | Cahiers ORSTOM (Office de la Recherche Scientifique et Technique Outre-Mer) Serie Oceanographie |
| Cah Pac | Cahiers du Pacifique |
| Calcified Tissue Res | Calcified Tissue Research |
| Calif Coop Oceanic Fish Invest Atlas | California Cooperative Oceanic Fisheries Investigations Atlas |
| Calif Coop Oceanic Fish Invest Rep | California Cooperative Oceanic Fisheries Investigations Report |
| Calif Dep Fish Game Fish Bull | California Department of Fish and Game. Fish Bulletin |
| Calif Fish Game | California Fish and Game |
| Calif Resour Agency Dep Fish Game Water Proj Branch Rep | California. The Resources Agency Department of Fish and Game Water Projects Branch Report |
| Can Audubon | Canadian Audubon |
| Can Field-Natur | The Canadian Field-Naturalist |
| Can Fish Cult | Canadian Fish Culturist |
| Can Geogr J | Canadian Geographical Journal |
| Can J Biochem | Canadian Journal of Biochemistry |
| Can J Earth Sci | Canadian Journal of Earth Sciences |
| Can J Genet Cytol | Canadian Journal of Genetics and Cytology |
| Can J Microbiol | Canadian Journal of Microbiology |
| Can J Physiol Pharmacol | Canadian Journal of Physiology and Pharmacology |
| Can J Zool | Canadian Journal of Zoology |
| Caribbean J Sci | Caribbean Journal of Science |
| Caves Karst | Caves and Karst |
| Chesapeake Sci | Chesapeake Science |
| Chromosoma | Chromosoma |
| Cimbebasia | Cimbebasia |
| Circ Res | Circulation Research |
| Colo Outdoors | Colorado Outdoors |
| Commer Fish Rev | Commercial Fisheries Review |
| Commun Behav Biol Pt A | Communications in Behavioral Biology. Part A |
| Commun Behav Biol Pt B | Communications in Behavioral Biology. Part B |
| Comp Biochem Physiol | Comparative Biochemistry and Physiology |
| Comun Zool Mus Hist Natur Montevideo | Comunicaciones Zoológicas del Museo de Historia Natural de Montevideo |
| Conn Woodlands | Connecticut Woodlands |
| Cons Gen Peches Medit FAO Etudes Rev | Conseil General des Peches pour la Mediterranee Etudes et Revues |
| Cons Int Explor Mer Bull Statist Peches Marit | Conseil International pour l'Exploration de la Mer. Bulletin Statistique des Peches Maritimes |

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| Conserv Catalyst | Conservation Catalyst (renamed, Dec. 31, 1968, Catalyst for Environmental Quality) |
| Conserv Volunteer | The Conservation Volunteer |
| Conservationist | The Conservationist (Albany, New York) |
| Conservationist (Missouri) | The Conservationist |
| Contrib Inst Antartico Argent Buenos Aires | Contribucion del Instituto Antartico Argentino |
| Contrib Mar Fish Lab (Bangkok) | Contribution. Marine Fisheries Laboratory, Bangkok |
| Contrib Mar Sci | Contributions in Marine Science (Port Aransas) |
| Contrib Mus Paleontol Univ Mich | Contributions from the Museum of Paleontology. University of Michigan |
| Copeia | Copeia |
| Crustaceana | Crustaceana. International Journal of Crustacean Research |
| Curator | Curator (American Museum of Natural History) |
| Curr Sci | Current Science |
| Cytologia (Tokyo) | Cytologia |
| Dana Rep Carlsberg Found | Dana Reports. Carlsberg Foundation |
| Dari Seama Sedintelor (Bucuresti) | Dari de Seama ale Sedintelor |
| Data Rec Oceanogr Observ Explor Fish (Hokkaido) | Data Record of Oceanographic Observations and Exploratory Fishing Hokkaido University |
| Deep-Sea Res Oceanogr Abstr | Deep-Sea Research and Oceanographic Abstracts |
| Denison J Biol Sci | Denison Journal of Biological Science |
| Deut Fisch Ztg | Deutsche Fischerei Zeitung |
| Develop Biol | Developmental Biology |
| Develop Growth Different | Development Growth and Differentiation (formerly, Embryologia) |
| Discovery (New Haven) | Discovery (New Haven) |
| Diss Abstr | Dissertation Abstracts. B—The Sciences and Engineering |
| Doc ORSTOM Centre Pointe-Noire | Document Office de la Recherche Scientifique et Technique Outre-Mer Centre de Pointe-Noire |
| Doc Zool Mus Roy Afr Cent | Documentation Zoologique. Musee Royal de l'Afrique Centrale. (Tervuren, Belgique) |
| Dokl Akad Nauk SSSR Biol Sci Sect | Doklady Akademii Nauk SSSR Biological Sciences Section |
| Dokl Akad Nauk SSSR Geol Sci Sect | Doklady Akademii Nauk SSSR Geological Sciences Section |
| Dokl Biol Sci | Doklady Biological Sciences. Proceedings of the Academy of Sciences of the USSR Biological Science Sections (Translation) |
| Dopov Akad Nauk Ukr RSR Ser B | Dopovidi Akademiyi Nauk Ukrayins'koi RSR Series B: Geology, Geophysics, Chemistry, Biology, Kiev |
| Doriana | Doriana. Supplemento agli Annali del Museo Civico di Storia Naturale "G. Doria," Genova |
| Drum Croaker (Wash) | Drum and Croaker |
| East Afr Agr Forest J | East African Agricultural and Forestry Journal |
| East Cape Natur | Eastern Cape Naturalist |
| Ecol Monogr | Ecological Monographs |
| Ecology | Ecology |
| Eesti Loodus | Eesti Loodus |
| Eesti NSV Tead Akad Toim Biol Seer | Eesti NSV Teaduste Akademia Toimetised Bioloogiline Seeria |
| Embryologia | Embryologia (renamed, 1969, Development Growth and Differentiation) |
| Encycl Cinematographica (Göttingen) | Encyclopedia Cinematographica |
| Endocrinol Jap | Endocrinologia Japonica |
| Endocrinology | Endocrinology |
| Entomol Z (Stuttgart) | Entomologische Zeitschrift |
| Environ Sci Technol | Environmental Science and Technology |
| Environment Southwest | Environment Southwest |
| Essex Natur | Essex Naturalist |
| Eur J Biochem | European Journal of Biochemistry |
| Evolution | Evolution |
| Exp Brain Res | Experimental Brain Research |

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| Exp Cell Res | Experimental Cell Research |
| Exp Gerontol | Experimental Gerontology |
| Exp Neurol | Experimental Neurology |
| Exp Parasitol | Experimental Parasitology |
| Experientia | Experientia |
| Explorers J | Explorers Journal (New York) |
| FAO Fish Cult Bull | FAO (Food and Agricultural Organization of the United Nations) Fish Culture Bulletin |
| FAO (Food Agr Organ U N) Fish Circ | FAO (Food and Agricultural Organization of the United Nations) Fisheries Circular |
| FAO (Food Agr Organ U N) Fish Rep | FAO (Food and Agricultural Organization of the United Nations) Fisheries Reports |
| FAO (Food Agr Organ U N) Fish Synopsis | FAO (Food and Agricultural Organization of the United Nations) Fisheries Synopsis |
| FAO (Food Agr Organ U N) Fish Tech Pap | FAO (Food and Agricultural Organization of the United Nations) Fisheries Technical Paper |
| FAO (Food Agr Organ U N) Man Fish Sci | FAO (Food and Agricultural Organization of the United Nations) Manuals in Fisheries Science |
| FAO (Food Agr Organ U N) Stud Rev Gen Fish Coun Mediter | FAO (Food and Agricultural Organization of the United Nations) Studies and Reviews Conseil General des Peches pour la Mediterranee |
| Fauna (Oslo) | Fauna |
| Fauna Flora (Transvaal) | Fauna and Flora (Transvaal) |
| Fauna Flora | Fauna och Flora |
| Fauna Repub Socialiste Romania | Fauna Republicii Socialiste Romania |
| Faunistisch Oekol Mitt | Faunistisch-Okologische Mitteilungen |
| Fed Proc | Federation Proceedings |
| Feedstuffs | Feedstuffs |
| Field | The Field (London) |
| Field Mus Natur Hist Bull | See: Bull Field Mus Natur Hist |
| Field Naturalist (Cumberland) | The Field Naturalist |
| Field Stream | Field and Stream |
| Fieldiana Geol | Fieldiana Geology |
| Fish Bull S Afr | Fisheries Bulletin. Republic of South Africa Division of Sea Fisheries |
| Fish Cult | The Fish Culturist (Philadelphia) |
| Fish Invest Min Agr Fish Food (Gt Brit) Ser II Salmon Freshwater Fish | Fishery Investigations. Ministry of Agriculture Fisheries and Food (Great Britain) Series II Salmon and Freshwater Fisheries |
| Fish Res Board Can Bull | Fisheries Research Board of Canada Bulletin |
| Fish Res Board Can Circ | Fisheries Research Board of Canada Circular (formerly, Fisheries Research Board of Canada General Series Circular) |
| Fish Res Board Can Gen Ser Circ | Fisheries Research Board of Canada General Series Circular (renamed, 1969, Fisheries Research Board of Canada Circular) |
| Fish Res Board Can J | Fisheries Research Board of Canada Journal |
| Fish Res Board Can Newfoundland Biol Sta Circ | Fisheries Research Board of Canada. Newfoundland Biological Station Circular |
| Fish Res Board Can Tech Rep | Fisheries Research Board of Canada Technical Report |
| Fish Res Bull (Cortland Hatchery Rep) | Fisheries Research Bulletin Cortland Hatchery Report |
| Fisherman (New South Wales) | Fisherman. Official Journal of State Fisheries of New South Wales (Ultimo, N.S.W.) |
| Fisken Havet | Fisken og Havet |
| Fiskeridir Skr Ser Havunders | Fiskeridirektoratets Skrifter. Serie Havundersokelser |
| Fiziol Zh SSSR IM I M Sechenova | Fiziologicheskii Zhurnal SSSR Imeni I M Sechenova |
| Fla Board Conserv Div Salt Water Fish Mar Lab Leaflet Ser | Florida Board of Conservation. Division of Salt Water Fisheries. Marine Laboratory. Leaflet Series |
| Fla Dep Natur Resour Mar Res Lab Prof Pap Ser | Florida Department of Natural Resources. Marine Research Laboratory. Professional Papers Series |
| Fla Dep Natur Resour Mar Res Lab Tech Ser | Florida Department of Natural Resources. Marine Research Laboratory. Technical Series |
| Fla Natur | The Florida Naturalist |
| Fla State Board Conserv Mar Lab | Florida State Board of Conservation. Marine |

Spec Sci Rep
 Fla State Board Conserv Tech Ser
 Fla Wildlife
 Folia Endocrinol Jap
 Folia Morphol (Prague)

 Folia Morphol (Warszawa)
 Folia Parasitol
 Forma Functio
 Fortschr Evolutionsforsch
 Fortschr Zool
 Fossilium Catalogus. 1: Animalia
 Freshwater Biol Ass Annu Rep
 Freshwater Fish Res Org Annu Rep
 (Jinja, Uganda)
 Freshwater Salmon Fish Res Dep
 Agricult Fish Scotland

 Freunde Kolner Zoo
 Frontiers (Philadelphia)

 Galathea Rep

 Gegenbaurs Morphol Jahrb
 Gen Comp Endocrinol
 Genet Res
 Genetics
 Genetics Suppl
 Geogr Mag (London)
 Geol Foren Stockholm Forh
 Geol Jahrb
 Geol Palaeontol Southeast Asia
 Geol Soc Amer Abstr Spec Pap
 Geol Soc Amer Mem
 Geol Surv Ala Circ
 Geologica Palaeontologica
 Geologie
 Great Basin Natur
 Great Lakes Fish Comm Tech Rep
 Gulf Res Rep
 Gunma Symp Endocrinol

 Handb Physiol
 Hawaii Inst Mar Biol Tech Rep
 Helgolander Wiss Meeresunters
 Helminthol Abstr
 Hereditas
 Hereditas
 Herpetologica
 Hydrobiologia (Bucuresti)
 Humangenetik
 Hydrobiol J (Transl Gidrobiol J)
 Hydrobiologia
 Hydrospace

 Ichthyol Aquarium J
 Ichthyol Bull Dep Ichthyol Rhodes Univ

 Ichthyologica (Kanpur)

 Ill Dep Conserv Fish Bull
 Indian J Exp Biol

Laboratory: Special Scientific Report
 Florida State Board of Conservation. Technical Series
 Florida Wildlife
 Folia Endocrinologica Japonica
 Folia Morphologica (formerly, Ceskoslovenska
 Mikrobiologie)
 Folia Morphologica (Warszawa)
 Folia Parasitologica
 Forma et Functio
 Fortschritte der Evolutionsforschung
 Fortschritte der Zoologie
 Fossilium Catalogus. 1: Animalia
 Freshwater Biological Association. Annual Report
 Freshwater Fisheries Research Organization
 Annual Report
 Freshwater and Salmon Fisheries Research.
 Department of Agriculture and Fisheries for
 Scotland
 Freunde des Kolner Zoo
 Frontiers

 Galathea Report. Scientific Results of the
 Danish Deep-Sea Expedition Round the World 1950-52
 Gegenbaurs Morphologisches Jahrbuch
 General and Comparative Endocrinology
 Genetical Research
 Genetics
 Genetics Supplement
 The Geographical Magazine
 Geologiska Foreningen i Stockholm Forhandlingar
 Geologisches Jahrbuch
 Geology and Palaeontology of Southeast Asia
 The Geological Society of America, Inc. Abstracts
 Geological Society of America Memoir
 Geological Survey of Alabama Circular
 Geologica et Palaeontologica
 Geologie
 The Great Basin Naturalist
 Great Lakes Fishery Commission Technical Report
 Gulf Research Reports
 Gunma Symposia on Endocrinology

 Handbook of Physiology
 Hawaii Institute of Marine Biology Technical Report
 Helgolander Wissenschaftliche Meeresuntersuchungen
 Helminthological Abstracts
 Hereditas
 Hereditas
 Herpetologica
 Hydrobiologia
 Humangenetik
 Hydrobiological Journal
 Hydrobiologia
 Hydrospace. Quarterly Review of Ocean Management

 Ichthyologica. The Aquarium Journal
 Ichthyological Bulletin Department of Ichthyology,
 Rhodes University
 Ichthyologica. An International Journal of
 Ichthyology and Hydrobiology
 Illinois Department of Conservation Fishery Bulletin
 Indian Journal of Experimental Biology

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| Indian J Fish Sect A | Indian Journal of Fisheries. Section A |
| Indian J Fish Sect B | Indian Journal of Fisheries. Section B |
| Indian J Helminthol | Indian Journal of Helminthology |
| Indian J Med Res | The Indian Journal of Medical Research |
| Indian Sci Cong Ass Proc | Indian Science Congress Association Proceedings |
| Indo-Pac Fish Counc Curr Aff Bull | Indo-Pacific Fisheries Council Current Affairs Bulletin |
| Indo-Pac Fish Counc Occas Pap | Indo-Pacific Fisheries Council Occasional Paper |
| Inform Bull Sci Res Counc | Information. Bulletin of the Scientific Research Council. Jamaica |
| Informe Tecnico (Minist Agricult Cria Invest Pesq Repub Venezuela) | Informe Tecnico. Ministerio de Agricultura y Cria. Investigaciones Pesqueras. Republica de Venezuela |
| Innovations Fish Culturists (Pa Fish Commission) | Innovations for Fish Culturists (Pennsylvania Fish Commission) |
| Inst Mar Peru (Callao) Bol | Instituto del Mar del Peru (Callao) Boletin |
| Inst Mar Peru (Callao) Informe | Instituto del Mar del Peru (Callao) Informe |
| Inst Mar Res Lysekil Ser Biol Rep | Institute of Marine Research Lysekil Series Biology. Report |
| Inst Oceanogr (Monaco) Bull | Institut Oceanographique (Monaco) Bulletin |
| Inst Oceanogr Ribarstvo—Split | Institut za Oceanografiju in Ribarstvo—Split, |
| Jugoslav Biljeske | SFR Jugoslavija Biljeske-Notes |
| Int Biol Prog Handb | International Biological Programme Handbook |
| Int J Radiat Biol | International Journal of Radiation Biology |
| Int N Pac Fish Comm Bull | International North Pacific Fisheries Commission Bulletin |
| Int Pac Salmon Fish Comm Progr Rep | International Pacific Salmon Fisheries Commission Progress Report |
| Int Rev Cytol | International Review of Cytology |
| Int Rev Gen Exp Zool | International Review of General and Experimental Zoology |
| Int Rev Gesamten Hydrobiol | Internationale Revue der Gesamten Hydrobiologie |
| Int Union Conserv Nature Natur Resour Publ New Ser | International Union for Conservation of Nature and Natural Resources Publication. New Series. |
| Int Union Conserv Nature Natur Resour Proc Pap N S | International Union for Conservation of Nature and Natural Resources Proceedings and Papers |
| Int Ver Theor Angew Limnol Verh | Internationale Vereinigung fuer Theoretische und Angewandte Limnologie Verhandlungen |
| Int Zoo Yearb | International Zoo Yearbook |
| Invest Ophthalmol | Investigative Ophthalmology |
| Invest Pesq | Investigacion Pesquera |
| In Vitro | In Vitro |
| Iowa State J Sci | Iowa State Journal of Science |
| Iraq Natur Hist Mus Publ | Iraq Natural History Museum Publication |
| Irish Natur J | Irish Naturalists Journal |
| Israel J Zool | Israel Journal of Zoology |
| Ist Lombardo Accad Sci Lett Rend Ser B | Istituto Lombardo Accademia di Scienze e Lettere Rendiconti B |
| Istanbul Univ Fen Fak Mecm Ser B | Istanbul Universitesi Fen Fakultesi Mecmuasi. |
| Tabii Ilimler | Seri B. Tabii Ilimler |
| Izv Akad Nauk Azerb SSR Ser Biol Nauk | Izvestiya Akademii Nauk Azerbaidzhanskoi SSR Seriya Biologicheskikh Nauk |
| Izv Akad Nauk Kaz SSR Ser Biol | Izvestiya Akademii Nauk Kazakhskoi SSR Seriya Biologicheskikh Nauk |
| Izv Akad Nauk Latv SSR | Izvestiya Akademii Nauk Latvinskoi SSR |
| Izv Akad Nauk Mold SSR Ser Biol Khim | Izvestiya Akademii Nauk Moldavskoi SSR Seriya Biologicheskikh i Khimicheskikh |
| Izv Akad Nauk SSSR Ser Biol | Izvestiya Akademii Nauk SSSR. Seriya Biologicheskaya |
| Izv Akad Nauk Tadzh SSR Otd Biol Nauk | Izvestiya Akademii Nauk Tadzhikskoi SSR Otdelenie Biologicheskikh Nauk |
| Izv Akad Nauk Turkm SSR Ser Biol Nauk | Izvestiya Akademii Nauk Turkmenkoi SSR Seriya Biologicheskikh Nauk |
| Izv Nauchn Inst Ribno Stop Okeanogr-Varna | Izvestia. Nauchnoizsledovatel'ski. Institut za Tibe Stopenstvoi Oceanografi |
| Izv Tikhookean Nauch-Issled Inst Ryb Khoz Okeanogr | Izvestiya Tikhookeanskogo Nauchno-Issledovatel'skogo Instituta Rybnogo Khozyaistva i Oceanografi |
| Izv Vses Geogr Obschest | Izvestiya Vsesoyuznogo Geograficheskogo Obschestva |

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| J Acoust Soc Amer | The Journal of the Acoustical Society of America |
| J Ala Acad Sci | The Journal of the Alabama Academy of Science |
| J Amer Killifish Ass | Journal of the American Killifish Association |
| J Anat | Journal of Anatomy |
| J Anim Ecol | The Journal of Animal Ecology |
| J Anim Morphol Physiol | The Journal of Animal Morphology and Physiology |
| J Appl Ecol | The Journal of Applied Ecology |
| J Ariz Acad Sci | Journal of the Arizona Academy of Science |
| J Asiatic Soc | Journal of the Asiatic Society (Calcutta) |
| J Aud Res | The Journal of Auditory Research |
| J Bengal Natur Hist Soc | Journal of the Bengal Natural History Society |
| J Biol Chem | The Journal of Biological Chemistry |
| J Biol Sci | The Journal of Biological Sciences |
| J Bombay Natur Hist Soc | Journal of the Bombay Natural History Society |
| J Cell Biol | The Journal of Cell Biology |
| J Cell Physiol | Journal of Cellular Physiology |
| J Cell Sci | Journal of Cell Science |
| J Chromatogr | Journal of Chromatography |
| J Colo-Wyo Acad Sci | The Journal of the Colorado-Wyoming Academy of Science |
| J Comp Neurol | The Journal of Comparative Neurology |
| J Comp Physiol Psychol | Journal of Comparative and Physiological Psychology |
| J Cons Cons Perma Int Explor Mer | Journal du Conseil. Conseil Permanent International pour l'Exploration de la Mer |
| J Dent Res | Journal of Dental Research |
| J East Afr Natur Hist Soc Nat Mus | Journal of the East Africa Natural History Society and National Museum |
| J Ecol | Journal of Ecology |
| J Elisha Mitchell Sci Soc | Journal of the Elisha Mitchell Scientific Society |
| J Embryol Exp Morphol | Journal of Embryology and Experimental Morphology |
| J Endocrinol | The Journal of Endocrinology |
| J Evol Biochem Physiol Transl Zh | Journal of Evolutionary Biochemistry and Physiology. |
| Evol Biokhim Fiziol | Translation Zhurnal Evolyutsionnoi Biokhimii i Fiziologii |
| J Exp Anal Behav | Journal of the Experimental Analysis of Behavior |
| J Exp Biol | The Journal of Experimental Biology |
| J Exp Mar Biol Ecol | Journal of Experimental Marine Biology and Ecology |
| J Exp Zool | The Journal of Experimental Zoology |
| J Fac Fish Anim Husb Hiroshima Univ | Journal of the Faculty of Fisheries and Animal Husbandry. Hiroshima University |
| J Fac Sci Hokkaido Univ Ser VI Zool | Journal of the Faculty of Science Hokkaido University. Series VI Zoology |
| J Fish Biol | Journal of Fish Biology |
| J Gen Physiol | The Journal of General Physiology |
| J Gen Microbiol | The Journal of General Microbiology |
| J Genet Psychol | The Journal of Genetic Psychology |
| J Geol | The Journal of Geology |
| J Helminthol | Journal of Helminthology |
| J Hered | The Journal of Heredity |
| J Hirnforsch | Journal fur Hirnforschung |
| J Histochem Cytochem | The Journal of Histochemistry and Cytochemistry |
| J Immunol | The Journal of Immunology |
| J Linn Soc London Zool | The Journal of the Linnean Society of London Zoology |
| J Mar Biol Ass India | Journal of the Marine Biological Association of India |
| J Mar Biol Ass U K | Journal of the Marine Biological Association of the United Kingdom |
| J Mar Freshwater Res | See: N Z J Mar Freshwater Res |
| J Microsc | Journal de Microscopie |
| J Minn Acad Sci | Journal of the Minnesota Academy of Science |
| J Mol Biol | Journal of Molecular Biology |
| J Morphol | Journal of Morphology |

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| J Natur Hist | Journal of Natural History |
| J Neurochem | Journal of Neurochemistry |
| J Neuropathol Exp Neurol | Journal of Neuropathology and Experimental Neurology |
| J Oceanogr Soc Jap | Journal of the Oceanographical Society of Japan |
| J Paleontol | Journal of Paleontology |
| J Parasitol | The Journal of Parasitology |
| J Physiol (London) | The Journal of Physiology (London) |
| J Physiol (Paris) | Journal de Physiologie |
| J Protozool | The Journal of Protozoology |
| J Radiat Res | Journal of Radiation Research |
| J Reproduct Fert Suppl | Journal of Reproduction and Fertility. Supplement |
| J Roy Soc West Aust | Journal of the Royal Society of Western Australia |
| J Sci Hiroshima Univ Ser B Div 1 Zool | Journal of Science of the Hiroshima University. Series B, Division 1 (Zoology) |
| J Sci Lab Denison Univ | Journal of the Scientific Laboratories. Denison University |
| J Shimonoseki Univ Fish | The Journal of the Shimonoseki University of Fisheries |
| J Soc Bibliogr Natur Hist | Journal of the Society for the Bibliography of Natural History |
| J Tenn Acad Sci | Journal of the Tennessee Academy of Science |
| J Theor Biol | Journal of Theoretical Biology |
| J Tokyo Univ Fish | Journal of the Tokyo University of Fisheries |
| J Ultrastruct Res | Journal of Ultrastructure Research |
| J Univ Bombay | Journal of the University of Bombay |
| J Virol | Journal of Virology |
| J Water Pollut Contr Fed | Journal Water Pollution Control Federation |
| J West Afr Sci Ass | Journal of the West African Science Association |
| J Wildlife Manage | The Journal of Wildlife Management |
| J Zool Proc Zool Soc London | Journal of Zoology. Proceedings of the Zoological Society of London |
| J Zool Soc India | Journal of the Zoological Society of India |
| Jap J Appl Entomol Zool | Japanese Journal of Applied Entomology and Zoology |
| Jap J Ecol | Japanese Journal of Ecology |
| Jap J Genet | The Japanese Journal of Genetics |
| Jap J Ichthyol | Japanese Journal of Ichthyology |
| Jap J Limnol | The Japanese Journal of Limnology |
| Jap J Parasitol | Japanese Journal of Parasitology |
| Jeune Scientifique | Le Jeune Scientifique |
| Jokull | Jokull |
| Junta Invest Ultramar Notas Centro Biol Aqua Trop | Junta de Investgações do Ultramar. Notas do Centro de Biologia Aquática Tropical (Lisbon) |
| Kans Fish Game | Kansas Fish and Game |
| Kans Sch Natur | The Kansas School Naturalist |
| Kasetsart Univ Fish Res Bull | Kasetsart University Research Bulletin |
| Kat Fauny Pol | Katalog Fauny Polski |
| Kieler Meeresforsch | Kieler Meeresforschungen |
| Kirtlandia | Kirtlandia (The Cleveland Museum of Natural History). |
| Koedoe | Koedoe (Journal for Scientific Research in the National Parks of the Republic of South Africa) |
| Kon Ned Akad Wetensch Proc Ser B Phys Sci | Koninklijke Nederlandse Akademie van Wetenschappen Proceedings. Series B. Physical Sciences |
| Kon Ned Akad Wetensch Proc Ser C Biol Med Sci | Koninklijke Nederlandse Akademie van Wetenschappen Proceedings. Series C. Biological and Medical Sciences |
| Korean Nature | Korean Nature |
| Kosmos (Stuttgart) | Kosmos |
| Kosmos Warszawa Ser A Biol | Kosmos Warszawa Seria A Biologia |
| Kumamoto J Sci Ser B Sect 2 Biol | Kumamoto Journal of Science. Series B. Section 2. Biology |
| Ky Happy Hunting Ground | Kentucky Happy Hunting Ground |
| Kyoto Univ Afr Stud | Kyoto University African Studies |
| Kyungpook Univ Theses Collect | Kyungpook University Theses Collection |

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| La Conserv | Louisiana Conservationist |
| Labdev J Sci Technol | Labdev. Journal of Science and Technology |
| Lagena | Lagena. Instituto Oceanografico (Cumana, Venezuela) |
| Latv Padomju Soc Repub Zinat Akad Vestis | Latvijas Padomju Socialistiskas Republikas Zinatnu Akademijas Vestis (Izvestiya Akademii Nauk Latviiskoi SSR) |
| Lethaia | Lethaia |
| Levende Natuur | De Levende Natuur |
| Liberian Natur | The Liberian Naturalist |
| Life Sci | Life Sciences |
| Limnol Oceanogr | Limnology and Oceanography |
| Limnologica | Limnologica |
| Limnos | Limnos (Ann Arbor, Michigan) |
| Living Wilderness | Living Wilderness |
| Lloydia (Cincinnati) | Lloydia |
| London Natur | The London Naturalist. Journal of the London Natural History Society |
| Lore (Milwaukee) | Lore |
| Loris | Loris |
| Los Angeles County Mus Contrib Sci | Los Angeles County Museum Contributions in Science |
| Luonnon Tutkija | Luonnon Tutkija |
| Malacol Soc London Proc | Malacological Society of London Proceedings |
| Malayan Nature J | The Malayan Nature Journal |
| Mar Biol (Berlin) | Marine Biology. International Journal on Life in Oceans and Coastal Waters |
| Mar Res Dep Agr Fish Scot | Marine Research. Department of Agriculture and Fisheries for Scotland (formerly, Marine Research Series Scottish Home Department) |
| Mar Res Ser Scot Home Dep | Marine Research Series Scottish Home Department (renamed, 1969, Marine Research. Department of Agriculture and Fisheries for Scotland) |
| Maritimes | Maritimes (University of Rhode Island) |
| Md Conser | Maryland Conservationist |
| Medd Dan Fisk Havunders N S | Meddelelser fra Danmarks Fiskeri- og Havundersogelser N S |
| Meded Kon Vlaamse Acad Wetensch Lett Schone Kunsten Belge | Mededelingen van de Koninklijke Vlaamse Academie voor Wetenschappen, Letteren en Schone Kunsten van Belgie |
| Mem Fac Fish Hokkaido Univ | Memoirs of the Faculty of Fisheries Hokkaido University |
| Mem Fac Fish Kagoshima Univ | Memoirs of the Faculty of Fisheries Kagoshima University |
| Mem Geol Soc Amer | Memoirs of the Geological Society of America |
| Mem Inst Fond Afrique Noir | Memoires de l'Institut Fondamental d'Afrique Noir |
| Memoriu Inst Geol (Bucuresti) | Memorii Institutul Geologic Bucuresti |
| Mem Inst Invest Cient Mocambique Ser A | Memorias do Instituto de Investigacao Cientifica de Mocambique |
| Mem Inst Oswaldo Cruz Rio de Janeiro | Memorias do Instituto Oswaldo Cruz Rio de Janeiro |
| Mem Ist Ital Idrobiol Dott Marco de Marchi Pallanza Italy | Memorie dell'Istituto Italiano di Idrobiologia Dott. Marco de Marchi, Pallanza Italy |
| Mem Kyoto Univ Coll Agr Fish Ser | Memoirs of the College of Agriculture, Kyoto University. Fisheries Series |
| Mem Nat Sci Mus (Tokyo) | Memoirs of the National Science Museum |
| Mem ORSTOM (Off Rech Sci Tech Outre-Mer) | Memoires ORSTOM (Office de la Recherche Scientifique et Technique Outre-Mer) |
| Mem S Calif Acad Sci | Memoirs of the Southern California Academy of Science |
| Mem Soc Geol Fr | Memoires de la Societe Geologique de France |
| Mer Bull Soc Franco-Jap Oceanogr | La Mer (Bulletin de la Societe Franco-Japonaise d'Océanographie) |
| Merentutkimuslaitoksen Julkaisu | Merentutkimuslaitoksen Julkaisu |
| Havsforskningsinst Skr | Havsforskningsinstituttets Skrift |
| "Meteor" Forschungsergeb Ser D (Biol) | "Meteor" Forschungsergebnisse |
| Mich Acad Pap Mich Acad Sci Arts Lett | Michigan Academician |
| Mich Conserv | Michigan Conservation |
| Micronesica J Coll Guam | Micronesica. Journal of the College of Guam |
| Mikrokosmos | Mikrokosmos |

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| Mil Med | Military Medicine |
| Misaki Mar Biol Inst Kyoto Univ Spec Rep | Misaki Marine Biological Institute Kyoto University. Special Report |
| Misc Rep Res Inst Natur Resour | Miscellaneous Reports of the Research Institute for Natural Resources (Tokyo) |
| Misc Zool | Miscelanea Zoologica |
| Miss Game Fish | Mississippi Game and Fish |
| Mitt Hamburg Zool Mus Inst | Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut |
| Mitt Max Planck Ges Forder Wiss | Mitteilungen aus der Max-Planck-Gesellschaft zur Forderung der Wissenschaften |
| Mo Conserv | Missouri Conservationist |
| Mol Gen Genet | Molecular and General Genetics (MGG) |
| Monatsschr Ornithol Vivarienkunde B Aquarien Terrarien | Aquarien Terrarien. Monatsschrift für Ornithologie und Vivarienkunde |
| Monit Zool Ital | Monitore Zoologico Italiano. Italian Journal of Zoology |
| Monkey | Monkii (Japan) |
| Monogr Parazytol | Monografie Parazytologiczne |
| Montes | Montes (Madrid) |
| Mora Ferenc Muz Evkonyve | A Mora Ferenc Muzeum Evkonyve |
| Mosquito News | Mosquito News |
| Mus Civico Storia Natur Trieste Atti | Museo Civico di Storia Naturale de Trieste Atti |
| Mus Nat Hist Natur (Paris) Bull Ser 2 | Museum National d'Histoire Naturelle (Paris) Bulletin |
| Mus Nat Hist Natur (Paris) Mem Ser A Zool | Museum National d'Histoire Naturelle (Paris) Memoires |
| Mus Nat Hist Natur (Paris) Publ Diverses | Museum National d'Histoire Naturelle (Paris) Publications Diverses |
| Musee Geneve | Musees de Geneve |
| Mutat Res | Mutation Research |
| Muz Județean Bacau Sect Stiintele Natur Stud Comun (Bacau) | Muzeul Județean Bacau Sectia Stiintele Naturii Studii si Comunicari |
| N Amer Wildlife Natur Resour Conf Trans | Transactions of the North American Wildlife and Natural Resources Conference |
| N Dak Outdoors | North Dakota Outdoors |
| N J Acad Sci Bull | The Bulletin. New Jersey Academy of Science |
| N J Outdoors | New Jersey Outdoors |
| n + m (Naturwiss Med) | n + m (Naturwissenschaft und Medizin) |
| N Y Fish Game J | New York Fish and Game Journal |
| N Y State Coll Agr Cornell Ext Bull | New York State College of Agriculture. Cornell Extension Bulletin |
| N Y State Mus Sci Serv Bull | New York State Museum and Science Service Bulletin Supplement |
| N Z Archaeol Ass Newslett | New Zealand Archaeological Association Newsletter |
| N Z Mar Dep Fish Res Bull (NS) | New Zealand Marine Department. Fisheries Research Bulletin (New Series) |
| N Z Mar Dep Fish Tech Rep | New Zealand Marine Department Fisheries Technical Report |
| N Z J Mar Freshwater Res | New Zealand Journal of Marine and Freshwater Research |
| N Z Sci Rev | New Zealand Science Review |
| Nat Acad Sci India Annu Number | National Academy of Sciences India Annual Number |
| Nat Cancer Inst Monogr | National Cancer Institute Monograph |
| Nat Geogr Mag | National Geographic (Washington, D.C.) |
| Nat Geogr Soc Res Rep | National Geographic Society Research Reports |
| Nat Mus Can Bull | National Museum of Canada Bulletin |
| Nat Mus Can Natur Hist Pap | National Museum of Canada Natural History Papers |
| Nat Parks Mag | National Parks Magazine |
| Nat Speleol Soc News | NSS News. National Speleological Society |
| Nat Wildlife | National Wildlife |
| Natur Belg Bull Mens | Les Naturalistes Belges |
| Natur Can | Le Naturaliste Canadien. Biologie Aquatique |
| Natur Hist | Natural History (New York) |

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| Natur Mus | Natur und Museum |
| Natur Sci Mus (Tokyo) | Natural Science and Museums |
| Natur Verden | Naturrens Verden |
| Natura (Bucuresti) | Natura (Bucuresti) |
| Natura (Eindhoven) | Natura (Eindhoven) |
| Natura (Milano) | Natura (Milano) |
| Natturfræðingurinn | Natturfræðingurinn (Iceland) |
| Naturalist (Leeds) | Naturalist |
| Nature (London) | Nature |
| Naturen | Naturen |
| Naturhist Mus Wien Ann | Naturhistorisches Museum in Wien. Annalen |
| Naturwissenschaften | Die Naturwissenschaften |
| Naturwiss Rundsch | Naturwissenschaftliche Rundschau |
| Nauki Matemat Przyr Zesz Nauk Uniw Lodzkiego Ser 2 | Nauki Matematyczne Przyrodnicze Zeszyty Naukowe Uniwersytetu Lodzkiego Seria II |
| Naval Res Rev | Naval Research Reviews (Washington, D.C.) |
| Neotropica (La Plata) | Neotropica |
| Neth J Sea Res | Netherlands Journal of Sea Research |
| Neth J Zool | Netherlands Journal of Zoology (formerly, Archives Neerlandaises de Zoologie) |
| Neuroendocrinology | Neuroendocrinology |
| Neurosci Transl | Neuroscience Translations |
| New Sci | New Scientist |
| New York | New York |
| News Bull Zool Soc S Afr | The Zoological Society of Southern Africa News Bulletin |
| Norsk Geol Tidsskr | Norsk Geologisk Tidsskrift |
| Norsk Hvalfangst-tid | Norsk Hvalfangst-Tidende (The Norwegian Whaling Gazette) |
| Northwest Sci | Northwest Science |
| Notas Cent Biol Aquat Trop Lisboa | Notas do Centro de Biologia Aquatica Tropical. Lisboa |
| Notic Mensual Mus Nac Hist Natur | Noticiario Mensual Museo Nacional de Historia Natural |
| Noto Mar Lab Annu Rep | Annual Report of the Noto Marine Laboratory |
| Notulae Natur (Philadelphia) | Notulae Naturae (Philadelphia) |
| Nytt Mag Zool (Oslo) | Nytt Magasin for Zoologi |
| Occas Pap Bernice P Bishop Mus | Occasional Papers of Bernice P. Bishop Museum |
| Occas Pap Calif Acad Sci | Occasional Papers of the California Academy of Sciences |
| Occas Pap Dep Ichthyol Rhodes Univ | Occasional paper. Department of Ichthyology, Rhodes University |
| Occas Pap Mus Zool Univ Mich | Occasional Papers of the Museum of Zoology, University of Michigan |
| Oceanogr Mar Biol Ann Rev | Oceanography and Marine Biology. An Annual Review |
| Oceans (La Jolla) | Oceans |
| Oceanus | Oceanus (Woods Hole, Massachusetts) |
| Ochr Przyr | Ochrona Przyrody |
| Ocotirea Natur (Bucharest) | Ocotirea Naturii |
| Oecologia (Berlin) | Oecologia |
| Ohio J Sci | The Ohio Journal of Science |
| Orkos | Oikos. Acta Oecologica Scandinavica |
| Okajimas Folia Anat Jap | Okajimas Folia Anatomica Japonica |
| Okeanologiya | Okeanologiya |
| Ont Field Biol | The Ontario Field Biologist |
| Ont Natur | The Ontario Naturalist |
| Opuscula Zool (Budapest) | Opuscula Zoologica. Instituti Zoosystematici Universitatis Budapestinensis |
| Opuscula Zool (Munich) | Opuscula Zoologica. Herausgegeben von der Zoologischen Staatssammlung in München |
| Ore Bin (Portland) | Ore Bin |
| Oryx | Oryx. Journal of the Fauna Preservation Society |
| Osterreich Akad Wiss Math-Naturwiss Kl Denkschrift (Wien) | Osterreichische Akademie der Wissenschaften Mathematisch-Naturwissenschaftliche Klasse Denkschriften |
| Outdoor Calif | Outdoor California |

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| Outdoor Okla | Outdoor Oklahoma |
| Outdoor World | Outdoor World |
| Pa Game News | Pennsylvania Game News |
| Pac Discovery | Pacific Discovery |
| Pac Mar Fish Comm Bull | Pacific Marine Fisheries Commission Bulletin |
| Pac Sci | Pacific Science |
| Pakistan J Biol Agr Sci | Pakistan Journal of Biological and Agricultural Sciences |
| Pakistan J Sci | Pakistan Journal of Science |
| Palaeogeography Palaeoclimatology Palaeoecology | Palaeogeography Palaeoclimatology Palaeoecology |
| Palaeontogr Abt A | Palaeontographica Abteilung A. |
| Palaeozool-Stratigr | Palaeozoologie-Stratigraphie |
| Palaeontogr Ital | Palaeontographia Italica |
| Palaeontogr Soc (Monogr) | Palaeontographical Society Monographs |
| Palaeontology | Palaeontology |
| Palaontol Abh Abt A | Palaentologische Abhandlungen. Abteilung A, Palaeozoologie |
| Palaontol Z | Palaentologische Zeitschrift |
| Palaeontol Africana | Palaeontologia Africana |
| Paleontol J Transl Paleontol Zh | Paleontological Journal. A Translation of Paleontologicheskii Zhurnal |
| Paleontol Mex | Paleontologia Mexicana |
| Papeis Avulsos Dep Zool Sao Paulo | Papeis Avulsos do Departamento de Zoologia Sao Paulo |
| Pap Proc Roy Soc Tasmania | Papers and Proceedings of the Royal Society of Tasmania |
| Parasitology | Parasitology |
| Peabody Mus Natur Hist Yale Univ Bull | Peabody Museum of Natural History, Yale University Bulletin |
| Peche Mar | La Peche Maritime |
| Pelagos | Pelagos, Bulletin de l'Institut Oceanographique d'Alger |
| Petfish Monthly | PetFish Monthly (London) |
| Pflugers Arch Eur J Physiol | Pflugers Archiv. European Journal of Physiology. (formerly, Pfluegers Archiv fur die Gesamte Physiologie des Menschen und der Tiere) |
| Pfluegers Arch Gesamte Physiol Menschen Tiere | Pfluegers Archiv fur die Gesamte Physiologie des Menschen und der Tiere (renamed, 1968, Pflugers Archiv. European Journal of Physiology) |
| Pharmacol Rev | Pharmacological Review |
| Phil Trans Roy Soc London Ser B Biol Sci | Philosophical Transactions of the Royal Society of London. Series B Biological Sciences |
| Philippine J Fish | The Philippine Journal of Fisheries |
| Philippine J Sci | The Philippine Journal of Science |
| Physiol Behav | Physiology and Behavior |
| Physiol Ecol | Physiology and Ecology (Seiri Seitai) |
| Physiol Rev | Physiological Reviews |
| Physiol Zool | Physiological Zoology |
| Physis Rev Assoc Argent Cienc Natur | Physis. Revista de la Asociacion argentina de Ciencias Naturales |
| The Plaster Jacket (Gainesville) | The Plaster Jacket |
| Pol Arch Hydrobiol | Polskie Archiwum Hydrobiologii |
| Postilla (Yale Peabody Museum) | Postilla. Yale Peabody Museum |
| Poznaj Swiat | Poznaj Swiat |
| Praepparator | Der Praparator |
| Priroda (Moskva) | Priroda |
| Priroda (Sofia) | Priroda |
| Probl Ichthyol Transl Vop Ikhtioid | Problems of Ichthyology (Translation of Voprosy Ikhtiologii) |
| Probl North, Transl Problemy Severa | Problems of the North. A Translation of Problemy Severa. Akademiia Nauk SSSR |
| Problemy Severa | Problemy Severa |
| Proc Acad Natur Sci Philadelphia | Proceedings of the Academy of Natural Sciences of Philadelphia |
| Proc Arkansas Acad Sci | Arkansas Academy of Science Proceedings |

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| Proc Biol Soc Wash | Proceedings of the Biological Society of Washington |
| Proc Calif Acad Sci | Proceedings of the California Academy of Sciences |
| Proc Challenger Soc | Proceedings of the Challenger Society |
| Proc Conf Great Lakes Res Int Ass | Proceedings Conference on Great Lakes Research |
| Great Lakes Res | International Association for Great Lakes Research |
| Proc Dorset Natur Hist Archaeol Soc | Proceedings of the Dorset Natural History and Archaeological Society |
| Proc Geol Soc London | Proceedings of the Geological Society of London |
| Proc Gulf Caribbean Fish Inst | Proceedings of the Gulf and Caribbean Fisheries Institute |
| Proc Helminthol Soc Wash | Proceedings of the Helminthological Society of Washington |
| Proc Indian Acad Sci Sect B | Proceedings of the Indian Academy of Sciences |
| Proc Indiana Acad Sci | Proceedings of the Indiana Academy of Science |
| Proc Int Congr Anthropol Ethnol Sci | Proceedings of the International Congress of Anthropological and Ethnological Sciences |
| Proc Int Congr Genet (Tokyo) | Proceedings of the International Congress of Genetics (Tokyo) |
| Proc Iowa Acad Sci | Proceedings of the Iowa Academy of Science |
| Proc Israel Acad Sci Hum Sci Sect | Proceedings of the Israel Academy of Sciences and Humanities. Section of Sciences |
| Proc Jap Acad | Proceedings of the Japan Academy |
| Proc La Acad Sci | The Proceedings of the Louisiana Academy of Sciences |
| Proc Linnean Soc London | Proceedings of the Linnean Society of London (renamed, 1969, Biological Journal of the Linnean Society) |
| Proc Linnean Soc N S W | Proceedings of the Linnean Society of New South Wales |
| Proc Mont Acad Sci | Proceedings of the Montana Academy of Sciences |
| Proc N Z Ecol Soc | New Zealand Ecological Society Proceedings |
| Proc Nat Acad Sci India Sect B Biol Sci | Proceedings of the National Academy of Sciences, India. Section B (Biological Sciences) |
| Proc Nat Acad Sci U S A | Proceedings of the National Academy of Sciences of the United States of America |
| Proc Nat Inst Sci India Part B Biol Sci | Proceedings of the National Institute of Sciences of India. Part B Biological Sciences |
| Proc Nat Shellfish Ass | Proceedings of the National Shellfisheries Association |
| Proc Nebr Acad Sci Affiliated Soc | Proceedings of the Annual Meetings of the Nebraska Academy of Sciences and Affiliated Societies |
| Proc Okla Acad Sci | Proceedings of the Oklahoma Academy of Science |
| Proc Pa Acad Sci | Proceedings of the Pennsylvania Academy of Science |
| Proc Roy Inst Great Britain | Proceedings of the Royal Institution of Great Britain |
| Proc Roy Irish Acad Sect B Biol Geol Chem Sci | Proceedings of the Royal Irish Academy. Section B Biological, Geological, and Chemical Science |
| Proc Roy Soc Arts Sci Mauritius | Proceedings of the Royal Society of Arts and Sciences of Mauritius |
| Proc Roy Soc Edinburgh Sect B Biol | Proceedings of the Royal Society of Edinburgh Section B (Biology) |
| Proc Roy Soc Queensland | Proceedings of the Royal Society of Queensland |
| Proc Roy Soc Ser B Biol Sci | Proceedings of the Royal Society. Series B Biological Sciences (London) |
| Proc Roy Soc Victoria | Proceedings of the Royal Society of Victoria |
| Proc Roy Soc N S W | Proceedings of the Royal Society of New South Wales |
| Proc Soc Exp Biol Med | Proceedings of the Society for Experimental Biology and Medicine |
| Proc Symp Recent Advan Trop Ecol | Proceedings of the Symposium on Recent Advances in Tropical Ecology |
| Proc Trans Rhodesia Sci Ass | Proceedings and Transactions of the Rhodesia Scientific Association |
| Proc U S Nat Mus | Proceedings of the United States National Museum |
| Proc Utah Acad Sci Arts Lett | Proceedings of the Utah Academy of Sciences, Arts, and Letters |
| Proc West Pharmacol Soc | Proceedings of the Western Pharmacology Society |
| Proc Zool Soc (Calcutta) | Proceedings of the Zoological Society (Calcutta) |
| Progr Fish-Cult | The Progressive Fish-Culturist |
| Protistologica | Protistologica |
| Przegl Zool | Przegląd Zoologiczny |

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| Psychol Belg | Psychologica Belgica (Louvain) |
| Psychol Bull | Psychological Bulletin |
| Psychol Rep | Psychological Reports |
| Psychonomic Sci | Psychonomic Science |
| Pub Lancs Ches Fauna Soc | Publication Lancashire and Cheshire Fauna Society |
| Pubbl Sta Zool Napoli | Pubblicazioni della Stazione Zoologica di Napoli |
| Publ Amakusa Mar Biol Lab | Publications from the Amakusa Marine Biological Laboratory |
| Publ Gulf Coast Res Lab Mus (Ocean Springs, Miss) | Publications of the Gulf Coast Research Laboratory Museum |
| Publ Inst Zool Augusto Nobre (Porto) | Publicacoes do Instituto de Zoologia Dr. Augusto Nobre |
| Publ Seto Mar Biol Lab | Publications of the Seto Marine Biological Laboratory (Kyoto Daigaku Rigakubu Lab.) |
| Publicaties Natuurhist Genootschap Limburg | Publicaties van het Natuurhistorisch Genootschap in Limburg |
| Pulp Pap Mag Can | Pulp and Paper Magazine of Canada |
| Quart J Fla Acad Sci | Quarterly Journal of the Florida Academy of Sciences |
| Quart J Taiwan Mus Taipeh | Quarterly Journal of the Taiwan Museum |
| Quart Rev Biol | The Quarterly Review of Biology |
| Queensland Dep Harbour Mar Fish Note | Queensland Department of Harbours and Marine Fisheries Notes |
| Queensland Natur | The Queensland Naturalist |
| Radiat Res | Radiation Research |
| Rapp Proces-Verbaux Reunions | Rapports et Proces-Verbaux des Reunions. |
| Comm Int Explor Sci Mer Medit | Commission Internationale pour l'Exploration Scientifique de la Mer Mediterranee |
| Rapp Proces-Verbaux Reunions Cons Perma Int Explor Mer | Rapports et Proces-Verbaux des Reunions. Conseil Permanent Internationale pour l'Exploration de la Mer |
| Razprave (Dissertationes) Slov Akad Znanosti Umet Cl 4 | Razprave. Slovenska Akademija Znanosti in Umetnosti Academia Scientiarum et Artium Slovenica. Classis IV: Historia Naturalis et Medicina |
| Rec Auckland Inst Mus | Records of the Auckland Institute and Museum |
| Rec Canterbury Mus | Records of the Canterbury Museum |
| Rec Dominion Mus Wellington | Records of the Dominion Museum, Wellington |
| Rec Oceanogr Works Jap | Records of Oceanographic Works in Japan |
| Rec Queen Victoria Mus Launceston | Records of the Queen Victoria Museum. Launceston, Australia |
| Rec S Aust Mus Adelaide | Records of the South Australian Museum |
| Rec Zool Surv India | Records of the Zoological Survey of India |
| Rech Hydrobiol Continentale | Recherches d'Hydrobiologie Continentale |
| Marseille Bull | d'Endoume Faculte des Sciences de Marseille. Bulletin |
| Rec Trav Sta Mar Endoume Fac Sci Marseille Bull | Recueil des Travaux de la Station Marine d'Endoume Faculte des Sciences de Marseille. Bulletin |
| Ref Zh Biol | Referativnyi Zhurnal Biologiya |
| Rend Seminar Fac Sci Univ Cagliari | Rendiconti del Seminario della Facolta di Scienze dell'Universita di Cagliari |
| Rep Fac Fish Prefect Univ Mie | Report of Faculty of Fisheries Prefectural University of Mie |
| Rep Inst Freshwater Res Drottningholm | Report Institute of Freshwater Research. Drottningholm |
| Rep Int Pac Halibut Comm | Report of the International Pacific Halibut Commission |
| Rep Mar Biol Sta Pt Erin | Report of the Marine Biological Station of the University of Liverpool at Port Erin |
| Rep Oceanogr Invest Fish Agency | Report, Oceanographical Investigation, Fisheries Agency (Tokyo) |
| Rep Reelfoot Lake Biol Sta Tenn Acad Sci | Report of the Reelfoot Lake Biological Station of the Tennessee Academy of Science |
| Rep U S A Mar Biol Sta, Kochi Univ | Reports of the USA Marine Biological Station, Kochi University |
| Res Bull Panjab Univ Sci | Research Bulletin of the Panjab University. Science |
| Res Bull State Fish N S W | Research Bulletin State Fisheries New South Wales |
| Res Fish Fish Res Inst Univ Wash Contrib | Research in Fisheries. Fisheries Research Institute, University of Washington Contribution |

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| Res News Office Res Admin Univ Mich | Research News. Office of Research Administration, The University of Michigan (Ann Arbor) |
| Res Pop Ecol | Researches on Population Ecology |
| Resp Physiol | Respiration Physiology |
| Rev Biol Trop | Revista de Biologia Tropical |
| Rev Brasil Biol | Revista Brasileira de Biologia |
| Rev Fac Med Vet Univ Sao Paulo | Revista da Faculdade de Medicina Veterinaria, Universidade de Sao Paulo, Brasil |
| Rev Can Biol | Revue Canadienne de Biologie |
| Rev Comporte Anim | Revue de Comportement Animal |
| Rev Iber Parasitol | Revista Iberica de Parasitologia |
| Rev Int Oceanogr Med | Revue Internationale d'Océanographie Médicale |
| Rev Int Oceanogr Med (Suppl) | Revue Internationale d'Océanographie Médicale. Supplement |
| Rev Roum Biol Ser Zool | Revue Roumaine de Biologie Serie de Zoologie |
| Rev Roum Endocrinol | Revue Roumaine d'Endocrinologie |
| Rev Trav Inst Peches Marit | Revue des Travaux de l'Institut des Pêches Maritimes |
| Rev Zool Bot Afr | Revue de Zoologie et de Botanique Africaines |
| Rhizoerinus Occas Pap Zool Mus Univ Oslo | Rhizoerinus Occasional Papers. Zoological Museum, University of Oslo |
| Rit Fiskideildar | Rit Fiskideildar |
| Riv Biol (Perugia) | Rivista di Biologia |
| Riv Idrobiol | Rivista di Idrobiologia |
| Riv Ital Piscicolt Ittiopatol | Rivista Italiana di Piscicoltura e Ittiopatologia (Treviso) |
| Riv Parasitol | Rivista di Parasitologia |
| Rocz Pol Tow Geol | Rocznik Polskiego Towarzystwa Geologicznego |
| Rotunda (Toronto) | Rotunda. Bulletin of the Royal Ontario Museum |
| Roy Ont Mus Life Sci Misc Publ | Royal Ontario Museum Life Sciences. Miscellaneous Publications |
| S Afr Ass Mar Biol Res Invest Rep | South African Association for Marine Biological Research Investigational Report |
| S Afr Ass Mar Biol Res Bull | South African Association for Marine Biological Research Bulletin |
| S Afr J Sci | South African Journal of Science |
| S Afr Mus Ann | South African Museum Annals |
| S Dak Conserv Digest | South Dakota Conservation Digest |
| S Calif Acad Sci Bull | Southern California Academy of Sciences Bulletin |
| S W Africa Mar Res Lab Invest Rep | South West Africa Marine Research Laboratory Investigational Report |
| Salmon Net | The Salmon Net |
| Samab | Samab |
| Sarsia | Sarsia |
| Sb Nat Mus Praha | Sbornik Narodního Muzea v Praze |
| Sci Amer | Scientific American |
| Sci Cult | Science and Culture |
| Sci Nature (Paris) | Science et Nature |
| Sci Progr Nature (Paris) | Science Progres. La Nature |
| Sci Rep Hokkaido Fish Hatchery | Scientific Reports of the Hokkaido Fish Hatchery |
| Sci Rep Hokkaido Salmon Hatchery | Scientific Reports of the Hokkaido Salmon Hatchery |
| Sci Rep Niigata Univ Ser D Biol | Science Reports of Niigata University. Series D Biology |
| Sci Rep Saitama Univ Ser B | The Science Reports of Saitama University. Series B Biology and Earth Sciences |
| Sci Rep Tohoku Univ Ser IV Biol | The Science Reports of the Tohoku University. Fourth Series (Biology) |
| Science | Science (Washington, D.C.) |
| Sciences (Paris) | Sciences |
| Scot Dep Agr Fish Mar Res | Scotland Department of Agriculture and Fisheries. Marine Research |
| Scot Dep Agr Fish Rep | Scotland Department of Agriculture and Fisheries Report |
| Scot Mar Biol Ass Annu Rep | Scottish Marine Biological Association Annual Report |

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|---|---|
| Sea Fish Res Sta Haifa Bull | Sea Fisheries Research Station Haifa Bulletin |
| Sea Frontiers | Sea Frontiers. Magazine of the International Oceanographic Foundation |
| Senckenbergiana Biol | Senckenbergiana Biologica |
| Senckenbergiana Lethaea | Senckenbergiana Lethaea |
| Shizen | Shizen (Japan) |
| Sieboldia Acta Biol | Sieboldia. Acta Biologica |
| Skr Utgitt Norske Vidensk-Akad Oslo | Skrifter Utgitt av det Norske Videnskaps-Akademi i Oslo. Mat-Naturvidensk Klasse |
| Mat-Naturvidensk Kl N S | |
| Smithson Contrib Zool | Smithsonian Contributions to Zoology |
| Smithson Inst Bull | Smithsonian Institution Bulletin |
| Smithson Misc Collect | Smithsonian Miscellaneous Collections |
| Soc Cienc Natur La Salle Mem | Sociedad de Ciencias Naturales La Salle. Memorias |
| Soc Sci Bretagne Bull | Societe Scientifique de Bretagne Bulletin |
| Soc Stiinte Biol Romania Comun Zool | Societatea de Stiinte Biologice din Republica Socialista Romania. Comunicari de Zoologie |
| | The Southwestern Naturalist |
| Southwest Natur | |
| Spec Publ Dep Ichthyol Rhodes Univ | Special Publication Department of Ichthyology, Rhodes University (renamed, 1969. Special Publication J.L.B. Smith Institute of Ichthyology) |
| | Special Publication J.L.B. Smith Institute of Ichthyology (formerly. Special Publication Department of Ichthyology, Rhodes University) |
| Spec Publ J L B Smith Inst Ichthyol | |
| | Special Publications from the Seto Marine Biological Laboratory. Series II |
| Spec Publ Seto Mar Biol Lab Ser II | |
| Spisy Prirodoved Fak Univ J E Purkyne Brne | Spisy Prirodovedecké Fakulty University J E Purkyne v Brne |
| | Sports Afield |
| Sports Afield | |
| Stain Technol | Stain Technology |
| Stud Cercet Biol Ser Zool | Studii si Cercetari de Biologie. Seria Zoologie |
| Studi Sassaresi | Studi Sassaresi |
| Stud Univ Babes-Bolyai Ser Biol | Studia Universitatis Babes-Bolyai. Series Biologia |
| Sudan Notes Rec | Sudan Notes and Records |
| Suffolk Natur Hist | Suffolk Natural History |
| Surveyor (New York) | Surveyor |
| Syesis | Syesis |
| Syst Zool | Systematic Zoology |
| | |
| Taiwan Fish Res Inst Lab Fish Biol Rep | The Taiwan Fisheries Research Institute. Laboratory of Fishery Biology Report |
| Taiwan Fish Res Inst Fish Cult Rep | Taiwan Fisheries Research Institute. Fish Culture Report |
| Taiwan Inst Fish Biol Nat Taiwan Univ | Taiwan Institute of Fishery Biology, National Taiwan University |
| | |
| Tane J Auckland Univ Field Club | Tane. The Journal of the Auckland University Field Club |
| Tech Bull Wis Dep Natur Resour | Technical Bulletin Department of Natural Resources (Wisconsin) |
| | |
| Tech Rep Navtravedcen | Technical Report: Navtravedcen (Washington, D.C.) |
| Tenn Conserv | The Tennessee Conservationist |
| Terre Vie | La Terre et la Vie. Revue d'Ecologie Appliquee |
| Tex J Sci | Texas Journal of Science |
| Texas Parks Wildlife | Texas Parks and Wildlife |
| Tex Rep Biol Med | Texas Reports on Biology and Medicine |
| Thailand Dep Fish Contrib | Thailand Department of Fisheries Contribution |
| Thalassia Jugoslav | Thalassia Jugoslavica |
| Theor Appl Genet | Theoretical and Applied Genetics |
| Tissue Cell | Tissue and Cell |
| Tohoku J Agr Res | The Tohoku Journal of Agricultural Research |
| Toxicon | Toxicon |
| Tr Akad Nauk Litov SSR Ser C | Trudy Akademii Nauk Litovskoi SSR |
| Tr Akad Nauk SSSR Inst Biol Vnutr Vod | Trudy Akademii Nauk SSSR Institut Biologii Vnutrennikh Vod |
| | |
| Tr Inst Ekol Rast Zhivot Akad Nauk SSSR Ural Filial | Trudy Instituta Ekologii Rastenii Zhivotnykh Akademia Nauk SSSR Ural'skii Filial |

- Tr Mosk Obshest Ispyt Prir
Tr Zool Inst Akad Nauk SSSR
- Trans Amer Fish Soc
Trans Amer Microsc Soc
Trans-Antarctic Exped 1955–1958 Sci Rep
- Trans Conn Acad Arts Sci
Trans Gulf Coast Ass Geol Soc
Trans Hist Soc Ghana
Trans Ill State Acad Sci
Trans Kans Acad Sci
Trans Ky Acad Sci
Trans N Y Acad Sci
Trans Proc Palaeontol Soc Jap N S
- Trans Roy Soc Edinburgh
Trans Roy Soc N Z Zool
Trans Roy Soc S Afr
Trans Roy Soc S Aust
Trans San Diego Soc Natur Hist
Trans Wis Acad Sci Arts Lett
- Transl Ser Va Inst Mar Sci
Trav Mus Hist Natur 'Grigore Antipa'
Trav Pecheries Que
Treubia
Tribhuvan Univ J
Tropical Fish Hobbyist
Tuatara
Tulane Stud Zool Bot
Turtos News
Tzitologia
Tzitologia i Genetika
- U Calif Irvine Mus Syst Biol Res Ser
- UNESCO Tech Pap Mar Sci
U S Bur Sport Fish Wildlife Invest
Fish Control
U S Fish Wildlife Serv Circ
- U S Fish Wildlife Serv Fish Bull
- U S Fish Wildlife Serv Fish Dis Leaflet
- U S Fish Wildlife Serv Fish Leaflet
U S Fish Wildlife Serv Res Rep
- U S Fish Wildlife Serv Resour Publ
- U S Fish Wildlife Serv Spec Sci Rep Fish
- U S Fish Wildlife Serv Spec Sci Rep
Wildlife
U S Fish Wildlife Serv Tech Pap
U S Nat Mus Bull
Uganda J
Uitgaven Natuurwetensch Stud
Suriname Ned Antillen
- Trudy Moskovskogo Obshestva Ispytatelei Prirody
Transactions of the Zoological Institute of
the Academy of Science of the USSR (Trudy Zoologicheskogo
Instituta Akademii Nauk SSSR)
- Transactions of the American Fisheries Society
Transactions of the American Microscopical Society
Trans-Antarctic Expedition 1955–1958 Scientific
Reports. Geology
- Transactions Connecticut Academy of Arts and Sciences
Transactions Gulf Coast Association of Geological Societies
Transactions of the Historical Society of Ghana
Transactions of the Illinois State Academy of Science
Transactions of the Kansas Academy of Science
Transactions of the Kentucky Academy of Science
Transactions of the New York Academy of Sciences
Transactions and Proceedings of the Palaeontological
Society of Japan
- Transactions of the Royal Society of Edinburgh
Transactions of the Royal Society of New Zealand. Zoology
Transactions of the Royal Society of South Africa
Transactions of the Royal Society of South Australia
Transactions of the San Diego Society of Natural History
Transactions of the Wisconsin Academy of Sciences,
Arts and Letters
- Translation Series. Virginia Institute of Marine Science
Travaux du Museum d'Histoire Naturelle "Grigore Antipa"
Travaux sur les Pecheries du Quebec
- Treubia
Tribhuvan University Journal
Tropical Fish Hobbyist (Neptune, N.J.)
Tuatara
Tulane Studies in Zoology and Botany
Turtos News
Tzitologia
Tzitologia i Genetika
- University of California at Irvine, Museum of
Systematic Biology, Research Series
UNESCO Technical Papers in Marine Science
United States Bureau of Sport Fisheries and
Wildlife. Investigations in Fish Control
United States Department of the Interior Fish
and Wildlife Service, Bureau of Commercial Fisheries
Circular
United States Fish and Wildlife Service Fishery
Bulletin
United States Fish and Wildlife Service Fish
Disease Leaflet
United States Fish and Wildlife Service Fishery Leaflet
United States Department of the Interior, Fish and
Wildlife Service, Bureau of Sport Fisheries and Wildlife,
Research Report
United States Department of the Interior,
Fish and Wildlife Service, Bureau of Sport Fisheries
and Wildlife, Resource Publication
United States Fish and Wildlife Service Special Scientific
Report Fisheries
United States Fish and Wildlife Service
Special Scientific Report Wildlife
United States Fish and Wildlife Service Technical Papers
United States National Museum Bulletin
Uganda Journal. The Journal of the Uganda Society
Uitgaven "Natuurwetenschappelijke Studiekering voor
Suriname en de Nederlandse Antillen." (Studies on
the Fauna of Curacao and Other Caribbean Islands)

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| Umsch Wiss Tec | Umschau in Wissenschaft und Technik |
| Undersea Biol | Undersea Biology |
| Undersea Technol | Undersea Technology |
| Underwater Ass Rep | Underwater Association Report |
| Underwater Natur | Underwater Naturalist. Bulletin of the American Littoral Society |
| Univ Ceara Estac Biol Mar Arq | Universidade do Ceara Estacao de Biologia Marinha. Arquivos |
| Univ Dakar Fac Sci Ann | Universite de Dakar, Faculte des Sciences. Annales |
| Univ Kans Sci Bull | University of Kansas Science Bulletin |
| Univ Wash Publ Fish N S | University of Washington Publications in Fisheries. New Series |
| Universitas (Stuttgart) | Universitas |
| Universum (Austria) | Universum. Monatszeitschrift fur Natur, Technik und Wirtschaft |
| Uzb Biol Zh | Uzbeksii Biologicheskii Zhurnal |
| Va Inst Mar Sci Spec Sci Rep | Virginia Institute of Marine Science Special Scientific Report |
| Va J Sci | Virginia Journal of Science |
| Va Wildlife | Virginia Wildlife |
| Vakbl Biol | Vakblad voor Biologen |
| Veroeff Abt Slavische Sprachen Litt Freien Univ Berlin (Harrassowitz, Wiesbaden) | Veroffentlichungen der Abteilung fur Slavische Sprachen und Literaturen des Osteuropa-Instituts (Slawisches Seminar) an der Freien Universitat Berlin |
| Veroeff Bezirksheimatmus (Potsdam) | Veroffentlichungen des Bezirksheimatmuseums Potsdam. Beitrage zur Tierwelt der Mark |
| Vertebrata Hung | Vertebrata Hungarica. Musei Historico-Naturalis Hungarici |
| Vesmir | Vesmir (Czechoslovakia) |
| Vesn Kiivs'kogo Univ Ser Biol | Vesnik Kiivs'kogo Universitetu Seria Biologiji |
| Vestn Akad Nauk Kaz SSR | Vestnik Akademii Nauk Kazakhs'koi SSR |
| Vestn Akad Nauk SSR | Vestnik Akademii Nauk SSR |
| Vestn Cesk Spolecnosti Zool | Vestnik Ceskoslovenske Spolecnosti Zoologicke |
| Vestn Leningrad Univ Ser Biol | Vestnik Leningradskogo Universiteta. Biology |
| Vestn Mosk Univ Ser VI Biol Pochvoved | Vestnik Moskovskogo Universiteta. Seriya VI Biologiya Pochvovedenie |
| Vestn Mosk Univ Ser 5 Geogr | Vestnik Moskovskogo Universiteta. Seriya V Geografiya |
| Vestn Zool | Vestnik Zoologii |
| Vestsi Akad Navuk Byelarus SSR | Vestsi Akademii Navuk Byelaruskai SSR. Seryya Biyalagichnykh Navuk |
| Biyalagichnykh Navuk | |
| Victoria's Resour | Victoria's Resources |
| Victorian Natur | The Victorian Naturalist |
| Vidensk Medd Naturhist Foren Kjobenhavn | Videnskabelige Meddelelser fra Dansk Naturhistorisk Forening i Kjobenhavn |
| Vie Milieu Ser A | Vie et Milieu |
| Vierteljahresschr Naturforsch Ges Zurich | Vierteljahresschrift der Naturforschenden Gesellschaft in Zurich |
| Vision Res | Vision Research |
| Visnik Kiev Univ Ser Biol | Visnik Kievskogo Universitet. Serii Biologii |
| Vop Ikhtiol | Voprosy Ikhtiologii |
| Ward's Bull | Ward's Bulletin (Rochester, New York) |
| Wash Dep Fish Annu Rep | Washington State Department of Fisheries Annual Reports |
| Wash Dep Fish Res Bull | Fisheries Research Papers. Washington Department of Fisheries |
| Wasmann J Biol | The Wasmann Journal of Biology |
| Water Res | Water Research |
| Wildlife N C | Wildlife in North Carolina |
| Wildlife Rev | Wildlife Review (Vancouver) |
| Wildlife Rev | Wildlife Review (Washington, D.C.) |
| Wilhelm Roux' Arch Entwicklungsmech Organismen | Wilhelm Roux' Archiv fuer Entwicklungsmechanik der Organismen |

Wis Conserv Bull
 Wis Dep Natur Resour Tech Bull

 World Wildlife Illus
 Wyo Wildlife

 Yale J Biol Med
 Yale Sci Mag
 Yale Univ Peabody Mus Natur Hist Bull

 Z Angew Zool
 Z Fischerei N S

 Z Mikrosk-Anat Forsch
 Z Morphol Tiere
 Z Naturforsch
 Z Parasitenk
 Z Tierpsychol
 Z Tropenmed Parasitol
 Z Vergl Physiol
 Z Wiss Zool
 Z Zellforsch

 Z Zool Syst Evolutionsforsch

 Zb Pr Zool M uz Akad Nauk Ukr SSR

 Zbornik Slov Nar Muz
 Zb Vychod Muz Ser B

 Zentralbl Allg Pathol

 Zh Obshch Biol
 Zinruigaku Zassi
 Ziva
 Zoo
 Zoo Rev Parque Zool Barcelona
 Zool Abh Mus Tierk (Dresden)

 Zool Afr
 Zool Anz
 Zool Anz Suppl
 Zool Beitr
 Zool Jahrb Abt Allg Zool Physiol Tiere

 Zool Jahrb Abt Anat Ontog Tiere

 Zool Jahrb Abt Syst Oekol Geogr Tiere

 Zool J Linn Soc
 Zool Listy
 Zool Mag
 Zool Meded Rijksmus Natuur Hist Leiden

 Zool Pol
 Zool Publ Victoria Univ Wellington

 Zool Revy
 Zool Verh
 Zool Zh
 Zoologica (New York)

Wisconsin Conservation Bulletin
 Wisconsin Department of Natural Resources
 Technical Bulletin
 World Wildlife Illustrated
 Wyoming Wildlife

 The Yale Journal of Biology and Medicine
 Yale Scientific Magazine
 Sec: Peabody Mus Natur Hist Yale Univ Bull

 Zeitschrift fur Angewandte Zoologie
 Zeitschrift fuer Fischerei und Deren
 Hilfswissenschaften
 Zeitschrift fur Mikroskopisch-Anatomische Forschung
 Zeitschrift fur Morphologie der Tiere
 Zeitschrift fur Naturforschung
 Zeitschrift fur Parasitenkunde
 Zeitschrift fur Tierpsychologie
 Zeitschrift fur Tropenmedizin und Parasitologie
 Zeitschrift fur Vergleichende Physiologie
 Zeitschrift fuer Wissenschaftliche Zoologie
 Zeitschrift fur Zellforschung und Mikroskopische
 Anatomie
 Zeitschrift fuer Zoologische Systematik und
 Evolutionsforschung
 Zbirnyk Prats' Zoologichnoho Museyu, Akademii
 Nauk Ukrainskoi SSR
 Zbornik Slovenskeho Narodneho Muzea
 Zbornik Vychodoslovenskeho Muzea. Acta Musei
 Slovaciae Regionis Orientalis Kosice. Seria B
 Zoologia-Botanika
 Zentralblatt fur Allgemeine Pathologie und
 Pathologische Anatomie
 Zhurnal Obshchei Biologii
 Zinruigaku Zassi
 Ziva
 Zoo (Anvers)
 Zoo. Revista del Parque Zoologico de Barcelona
 Zoologische Abhandlungen Staatliches Museum fur
 Tierkunde in Dresden
 Zoologica Africana
 Zoologischer Anzeiger
 Zoologischer Anzeiger Supplementband
 Zoologische Beitrage
 Zoologische Jahrbucher. Abteilung fur Allgemeine
 Zoologie und Physiologie der Tiere
 Zoologische Jahrbucher. Abteilung fur Anatomie
 und Ontogenie der Tiere
 Zoologische Jahrbucher. Abteilung fur Systematik
 Oekologie und Geographie der Tiere
 Zoological Journal of the Linnean Society
 Zoologicke Listy
 Zoological Magazine (Dobutsugaku Zasshi)
 Zoologische Mededelingen Rijksmuseum van Natuurlijke
 Historie te Leiden
 Zoologica Poloniae
 Zoology Publications from Victoria University
 of Wellington
 Zoologisk Revy
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 Zoologicheskii Zhurnal
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Marincek, M.
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Marinescu, Al. G.
Mariscal, R. N.
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| | Woodhead, P. M. J. | 805034 | | 805370 |
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| | Woodrow, Donald L. | 804734 | | 805685 |
| | Woodruff, G. N. | 804906 | | 806110 |
| | Woods, C.S. | 807849 | | 806756 |
| | Woods, J. D. | 805636 | Yasuda, Fujio | 806233 |
| | Woods, John W. | 804828 | | 806234 |
| | Woolcott, William S. | 807600 | | 806240 |
| | Worlund, Donald D. | 806658 | | 808784 |
| | Woronecki, David E. | 807383 | Yasuhiro, Chiemi | 805564 |
| | Wowchuk, R. M. | 807909 | Yasumoto, Takeshi | 804121 |
| | Woyanovich, E. | 808966 | | 804122 |
| | Wright, C. A. | 804833 | | 805649 |
| | Wright, J. C. | 808326 | Yasutake, William T. | 807828 |
| | Wright, J. E. | 807613 | | 807882 |
| | Wright, John C. | 806160 | Yazdani, G. M. | 804723 |
| | Wright, R. S. | 805186 | | 805565 |
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| | Wulfhekel, U. | 806280 | | 806140 |
| | Wunder, Wilhelm | 804242 | | 807884 |
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| | Wunsche, Joachim | 808222 | Yelizarov, G. A. | 807691 |
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| | Wurzelmann, Sarah | 803930 | Yerger, Ralph W. | 807609 |
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| | Wyatt, Herbert N. | 806169 | Yevich, Paul P. | 807365 |
| | Wyatt, T. | 806898 | Yevleva, M. J. | 808909 |
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| | Yada, Toshiaki | 804762 | Yoneda, Tsutomu | 805938 |
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| | Yagolkowski, Daniel R. | 807167 | York, A. G. | 808364 |
| | Yakovleva, A. N. | 807701 | Yoshida, Howard O. | 808654 |
| | Yakovleva, I. V. | 806402 | Yoshida, Shioichi | 806678 |
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| | Yakovleva, K. K. | 807722 | Yoshida, Yoichi | 806207 |
| | Yamada, Juro | 807183 | Yoshikami, S. | 807203 |
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| | Yamada, Takeshi | 804149 | | 808990 |
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| | Yamagami, K. | 803749 | Young, P. C. | 803979 |

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| Young, Parke H. | 807190 | 803948 | Young to Zydowo |
| Young, Sheila | 803824 | 804168 | |
| Youngken, Heber W., Jr. | 807216 | 804575 | |
| Yu, Man-lim | 804890 | 804650 | |
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| Yuen, H. S. H. | 806325 | 805832 | |
| Yurt, Joe | 805449 | 805834 | |
| Zabolotskiy, A. A. | 807292 | 805841 | |
| Zaika, V. E. | 805466 | 805854 | |
| Zakora, L. P. | 807671 | 804980 | |
| Zama, Koichi | 804956 | 804991 | |
| Zandee, Daniel I. | 805109 | 808297 | |
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| Zanjani, Esmail D. | 808752 | 804617 | |
| Zaugg, W. S. | 806087 | 808898 | |
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| Zbaren, Jakob | 806453 | | |
| Zbysek, Vit | 805710 | | |
| Zdrazilek, Pavel | 805813 | | |
| Zei, M. | 806313 | | |
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| Zeiler, Warren | 805784 | | |
| Zeisel, Robert B. | 806871 | | |
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| Zharov, V. L. | 806478 | | |
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| Zhiteneva, L. D. | 803943 | | |
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| Zhukov, P. I. | 807664 | | |
| Ziebell, Charles D. | 804952 | | |
| Ziegler, Willi | 808937 | | |
| Zigman, S. | 804705 | | |
| Zijlstra, J. J. | 805297 | | |
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| Zilanov, V. K. | 805337 | | |
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| Zimmer, Paul D. | 808658 | | |
| Zinevici, Victor | 808451 | | |
| Zippel, H. P. | 804062 | | |
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| Zismann, Lyka | 806136 | | |
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| Zobundzija, Vladimir | 808374 | | |
| Zorach, Timothy | 804010 | | |
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| | 803893 | | |

- 545 Abdominal pores
 - Abducens nerve
- 536 Absence of stomach
- Abundance (See: Cycles of abundance, Distribution, Endangered species, Population changes, Seasonal abundance)
- Abyssal zone
- 591 Abyssopelagic zone
- 631 Acanthocephala
- 520 Accessory respiratory organs
 - Acclimation, short-term physiological adaptation (See under various environmental factors)
- Acellular bone
- 720 Acid pollutants
- 489 Acousticolateralis nerve
- Activity patterns (See also Circadian rhythms, Lunar rhythms, Selfregulation of activity, Sleep, Tidal rhythms)
- 669 rhythms)
- 738 Activity recording devices
 - Adaptation, long-term physiological and evolutionary (See: Evolutionary adaptation, as well as under factors of all kinds)
 - Adaptive evolution, analytical treatment of process (See also: Descriptive evolution)
- 585 Adaptive radiation
- Adenohypophysis (See also: Neurohypophysis, Sexually dimorphic pituitary)
- 505 Adipose fin
- 447 Adlibitum food capacity (See also: Selfregulation of food intake)
- 577 intake)
- 513 Adrenal cortex (See also: Sexually dimorphic adrenal)
- Adrenal medulla
- 514 Adrenaline
- 508 Adrenocorticotrophic hormone
- Aeration and circulation (See also: Aquarium water chemistry, Environment control devices)
- 738 chemistry, Environment control devices)
- 676 Aerial locomotion
- 520 Aerial respiration
- 673 Aestivation
- 747 Africa
- 741 Age and growth techniques
- Age at maturity (See also: Ovarian cycles, Testicular cycles)
- 566 cycles)
- Age class distribution (See also: Annual fish, Life span, Population structure)
- 663 Population structure)
- 571 Age length relationship (See also: Rate of growth)
- 572 Age weight relationship (See also: Rate of growth)
- 683 Aggregating behavior (See also under Group behavior)
- Aggressive behavior (See also: Attacks on man, Attacks on manmade objects)
- 681 on manmade objects)
- 682 Aggressive display (See also: Warning display)
- 544 Aglomerular kidney
 - Air bladder (See: Gas bladder)
 - Air breathing (See: Aerial respiration)
- 465 Albinism
- 514 Aldosterone
- 615 Algae (See also: Plankton, Seaweeds)
- 720 Alkalai pollutants
- Allergy producing (See also: Fish as food)
- 531 Allotrag reaction
- Allometry (See also: Sexually dimorphic body form)
- 577 Amino acid requirements
 - Ammonia (See also: Aquarium water chemistry, Gill excretion, Nitrogen metabolism, Nitrogen transport, Urine)
- 613 Urine)
- 643 Amphibia
- 494 Ampullae of Lorenzini
- 494 Ampullary receptors
- 689 Anadromy (See also: Migrations)
- 446 Anal fin (See also: Gonopodium)
- Anal fin muscles
- 470 Anal fin skeleton
 - Anatomical preparation (See also: Age and growth techniques, Fossil fish techniques, Skeletal preparation)
- 705 Anchor worm infestation
- Anchovy (See: Engraulidae)
- 554 Androgens (See also: Sexual dimorphism)
- 739 Anesthetics
- Angelfish (See: Chaetodontidae)
- Angler (See: Lophiiformes)
- 736 Angling (See also under Fishing and fisheries)
- Angular acceleration detection
- 633 Annelida (See also: Hirudinea, Oligochaeta, Polychaeta)
- 567 Annual fish (See also: Life span)
- 754 Antarctic ocean
 - Anterior gut diverticula
 - Antibiotics in feed
- 732 Antivitamin content
- 542 Anus (See also: Cloaca)
- Appendicular skeletal muscles
- Appendicular skeleton
- Appetitive and consummatory behavior (See also: Drive or motivation)
- 696 or motivation)
- 738 Aquaria and water systems
- 738 Aquarium water chemistry
- 746 Aquatic sound techniques
 - Aquatic vs terrestrial respiration (See also: Accessory respiratory organs, Blood system for air breathing)
- 634 Arachnida
- 733 Archaeological data
- Arctic ocean
- 467 Armor, including fused scalation
- 467 Armored scales
- 521 Arterial system
- 634 Arthropoda
 - Artificial breeding environments (See also: Breeding and rearing, Spawning channels, and under Fish cultural methodology)
- 726 Artificial feeds and feeding (See also: Antibiotics in feed, Feeding captive fish, Forcefeeding, Pond fertilization and feeding)
- 728 Artificial fertilization (See also: Egg immaturity, Egg overripeness, Milt storage)
- 581 Artificial hybridization
- 727 Artificial incubation
- 581 Artificial intraspecific hybridization
- Artificial model habitats (See also under Ecological techniques)
- 745 Artificial population manipulation (See also under Fish cultural methodology)
- 730 Artificial propagation and planting (See also: Fish cultural methodology)
- 717 Artificial rearing environments (See also: Breeding and rearing, Spawning channels)
- 728 rearing, Spawning channels)
- 717 Artificial reefs
- Artificial selection (See also: Non-intentional artificial selection)
- 580 Asphyxiation (See also: Oxygen-Lethal environmental limits, Oxygen deficiencies in habitat)
- Aspidobothrea
- Astatic waters, temporary bodies (See also: Aestivation, Annual fish)
- 593 Annual fish)
- Asteriscus (See also: Otoliths)
- Asymmetry (See: Dextrality or sinistrality, Reversal of asymmetry, Unilateral compensation)
- 453 ATPase content and function
- ATP content and function
- Attachment of eggs to parent
- Attacks on man (See also: Entry into human orifices, Venomous fish)
- 732 Venomous fish)
- 733 Attacks on manmade objects

Attraction to parents
to
Central nervous system

694 Attraction to parents
494 Audiogram (See also: Aquatic sound techniques)
521 Aural gas bladder diverticula
494 Aural sensitivity and acuity
Aural signals (See also: Sound producing gas bladder,
697 Sound production, Sound reception)
748 Australia
490 Autonomic nervous system
667 Availability and use of food
643 Aves
694 Avoidance conditioning
Avoidance responses (See also under Locomotion and
680 Protective behavior)
444 Axial gradients
474 Axial skeletal muscles
468 Axial skeleton (See also: Weberian apparatus)

Background selection (See also: Mimicry, and under
680 Coloration)
614 Bacteria
703 Bacterial diseases
703 Bacterial kidney disease
707 Bait fish
Barb (See: Cyprinidae)
466 Barbels
Barracuda (See: Sphyranoidei)
Bass (See: Centrarchidae, Serranidae)
592 Bathyal zone
590 Bathypelagic zone
Beaches
Behavior (See also: Attacks on man, Attacks on manmade
objects, Embryo behavior, General structure and
behavior, Stress reactions, and under Fish-to-fish
relationships, as well as various structures, organs, and
systems)
673 Behavior genetics
694 Behavior in experiments
697 Behavioral habituation (See also: Effects of experience)
695 Behavioral probability matching
Behavioral sex differences
734 Bibliography
Bichir (See: Polypteromorpha)
542 Bile
526 Biochemical blood constituents
741 Biochemical extraction techniques
Biochemical growth factors
Biochemical sex differences (See also: Androgens,
560 Estrogens)
Biochemical techniques
Biochemistry of fishes (See also: Nutrition, and under
various structures, organs, and systems, as well as the
Biochemical items listed above)
734 Biography and obituary
Bioluminescence (See: Luminescent organs, Photophores)
457 Biomembranes
Biophysics of fishes (See also: Electric organs,
Electroencephalographic studies, Hemodynamics,
Hydrodynamics, Hydrostatics, Larval hydrostatic
mechanisms, Muscular electrophysiology, Nervous
electrophysiology, Sound analysis, and under various
Sense organs)
460
496 Biophysics of smell
494 Biophysics of sound
Bipolar and ganglion cells
Birds (See: Aves)
Birth (See: Hatching, Parturition, Viviparity)
Black spot disease
545 Bladder
Blenny (See: Blennioidei and subgroups)
525 Blood and lymph (See also: Hepatic blood regulation)
482 Blood brain barrier
Blood cells (See: Erythrocytes, Leucocytes,
Thrombocytes)
531 Blood clotting
742 Blood collection
Blood pressure (See: Hemodynamics)

Blood sucking (See: Body fluid eating)
523 Blood system for air breathing
480 Blood vessel musculature (See also: Hemodynamics)
261 Bluefish (Pomatomidae)
Body content (See also: Antivitamin content, Fish as food,
Biochemical items listed above, and under
Biochemistry of various strus, substances, and
448 conditions)
Body fluid eating
Body form (See also: Allometry, Hydrodynamics,
Sexually dimorphic body form, Weight length
444 relationship)
Bone (See also: Acellular bone, Hyperostosis, Physics and
474 mechanics of bones, Skeleton)
339 Bonefish (See: Albulidae)
201 Bowfin (See: Amiomorpha)
592 Brackish environment
Brain (See also: Neurosecretion in brain, and under
Behavior, Behavior in experiments, Nervous system,
483 and Sense organs)
Brain injury (See also under Nervous system interference)
Branchial diverticula (See also: Blood system for air
520 breathing)
637 Branchiopoda (See also: Crustacea)
471 Branchiostegals
Bream, sea (See: Sparidae)
Breathing (See also: Larval respiration, and under
679 Respiratory system)
Breeding and rearing (See also: Artificial propagation and
planting, Reproduction, Spawning channels, and under
739 Fish culture)
559 Brood pouch
533 Buccal cavity (See also: Mouth)
Bullhead (See: Cottidae, Ictaluridae)
Butterflyfish, marine (See: Chaetodontidae)
Buoyancy (See: Hydrostatics, Larval hydrostatic
mechanisms)
Burrowing underwater (See also: Nest construction, and
675 under Protective behavior)
516 Calcitonin
682 Cannibalism
Capillary systems (See also: Blood brain barrier, Gas
secretion and absorption, and under Kidney and
523 Respiratory system)
Captive fish (See: Captive vs. natural fish, Domesticated
fish, and under Fish culture, Fish for education and
entertainment, Maintaining live fish, and Selection
738 effects)
450 Carbohydrate content
Carbohydrate metabolism (See also: Hepatic
455 carbohydrate regulation, Oxidative metabolism)
577 Carbohydrate requirements
613 Carbon dioxide
Carbon dioxide transport (See also: Gas transport by
519 blood)
583 Carboniferous period
Cardinalfish (See: Apogonidae)
Care of types (See also under Collection maintenance)
359 Carp (See: Cyprinidae)
474 Cartilage (See also under Skeleton)
582 Caryotype
689 Catadromy (See also: Migrations)
Cataloging and arrangement
Catecholamines (See: Adrenal medulla, Adrenaline,
Autonomic nervous system, Melatonin, Noradrenaline)
Catfish (See: Anarichadidae, but mostly Siluriformes
and subgroups)
446 Caudal fin
479 Caudal fin muscles
469 Caudal skeleton
Cavefish and caves (See: Subterranean waters)
447 Cell division
Cement glands (See: Larval cement glands)
Cenozoic
Census (See: Outdoor census and sampling)
Central nervous system (See also: CNS integration, CNS
structural correlates of behavior, and various other

topics under Behavior in experiments, Nervous system,
 483 and Sense organs
Cerebellum (See: Metencephalon)
 625 **Cestoda**
 642 **Chaetognatha**
 Change with age (See also: The Development of various
 structures and functions, and especially under Growth
 567 and Ontogeny)
Characin (See: Characiformes and subgroups)
 443 **Check list**
 695 **Chemical brain treatment**
 495 **Chemical senses** (See also: Pheromones, Schreckstoffe)
 496 **Chemical sensitivity and acuity**
Chemosensory cells
Chimaera (See: Chimaeromorpha)
 519 **Chloride cells** (See also: Ion and water relationships)
 562 **Chorion**
 498 **Choroid and tapetum**
 524 **Choroid gland**
Choroid plexus
Chromaffin tissue (See: Adrenal medulla)
 741 **Chromatography**
 582 **Chromosome number** (See also: Caryotype)
 582 **Chromosomes**
Chub, freshwater (See: Cyprinidae)
Cichlid (See: Cichlidae)
 732 **Ciguatera poisoning** (See also: Poison content)
 617 **Ciliata**
 668 **Circadian rhythms**
Circulatory system (See also: Blood brain barrier, Blood
 vessel muscles, Cerebrospinal fluid, Gas secreting and
 absorbing structures, Glomerulus, Heart musculature,
 Larval circulation, Pituitary blood supply, Saccus
 521 vasculosus, and under Respiratory system)
Cisco (See: Salmonidae)
 557 **Claspers**
 679 **Cleaning symbiosis**
 740 **Clearing** (See also: Staining)
 563 **Cleavage and epiboly** (See also: General embryology)
Climbing underwater
 587 **Clinal variation**
Clingfish (See: Gobiesociformes)
 545 **Cloaca**
 697 **CNS integration**
CNS structural correlates of behavior
 717 **Coarse fish control** (See also: Fish control agents)
 391 **Cod** (See: Gadidae)
Coefficient of condition (See also: Weight length
 574 relationship)
 195 **Coelacanth** (See: Coelacanthini)
 618 **Coelenterata**
 545 **Coelom**
Cognate species
Cold (See: Subzero waters)
Collecting fish (See also: Explosions underwater and
 734 under Fishing and fisheries)
Collection maintenance (See also: Institution, Museum)
 465 **Color change** (See also: Seasonal sexual coloration)
 465 **Color variety** (See also: Pet fish)
 500 **Color vision**
Coloration (See also: Larval pigmentation, Permanent
 sexual coloration, Seasonal sexual coloration, and
 461 under Tegumentary system)
 704 **Columnaris disease**
Commensalism (See under Fish-to-fish relationships, as
 well as various animal groups)
Common chemical sense
Common names (See: Popular names)
Communication (See: Aural signals, Color change,
 Interspecific communication, Intraspecific
 communication, Recognition of individual fish,
 Recognition of young, Sex recognition, Visual signals,
 and under Social behavior)
Community comparisons (See also under Fish
 668 communities)
 453 **Comparative enzymology**

Compensation (See: Behavioral habituation, Effects of
 gentling, Homeostatic mechanisms, Unilateral
 compensation)
Compensation for swimming impediment
Comprehensive work (See also: Check list)
 746 **Computer analysis**
Condition (See: Coefficient of condition)
 694 **Conditioned autonomic responses**
Conditioning (See: Training techniques)
Conductivity of electricity (See: Passive electrical
 properties)
Conductivity of heat (See: Passive thermal properties)
 500 **Cones**
Conger eel (See: Congridae)
Conservation of fish (See also: Pollution abatement,
 Regulation of catch, and under Environment
 719 manipulation)
 445 **Contact organs**
Continental regions (See: Africa, Australia, Central
 America, Europe, India, Mideast, North America,
 747 North Asia, South America, South Asia)
Control (See: Coarse fish control, Fish control agents,
 Predator control)
Convergence and parallelism (See also: Homology,
 585 Natural selection)
Copepod diseases (See also: As parasite, under Copepoda)
 637 **Copepoda** (See also: Crustacea, Plankton)
 589 **Coprolites**
 557 **Copulatory organs** (See also: Mating)
 590 **Coral reef**
 547 **Corpora lutea**
 515 **Corpuscles of Stannius**
Cortical hormones (See also: Aldosterone, Corticosterone,
 513 Cortisol)
 514 **Corticosterone**
 508 **Corticotroph** (See also: Adrenocorticotrophic hormone)
 514 **Cortisol**
Cosmoid scales (See: Armored scales)
 704 **Costiaiaasis**
 691 **Coughing** (See: Gill cleaning) **Courtship**
 488 **Cranial nerves**
Crawling underwater
 712 **Creel census**
 583 **Cretaceous**
 566 **Critical period** (See also: General embryology)
Croaker (See: Sciaenidae)
 580 **Crossing over**
 634 **Crustacea** (See also: Anchor worm infestation, Plankton)
 619 **Ctenophora**
Currents (See: Water movement)
 660 **Cycles of abundance**
Cyclical changes (See also: Cycles of abundance, Ovarian
 668 cycles, Testicular cycles)
 740 **Cytochemical techniques**
Cytology (See: General cytology, and Cytology under
 740 various structures and organs)
 504 **Dahlgren cells** (See also: Neurosecretion in spinal cord)
 719 **Dams and barriers** (See also: Fish guidance, Fishways)
Damselfish (See: Pomacentridae)
 603 **Darkness** (See also: Light)
Darter (See: Percidae)
Death (See: Fishing mortality, Hybrid inviability, Lethal
 environmental limits, natural mortality, Winterkill,
 Fish kill and other subjects under Habitat destruction
 and Mass mortalities, and other subjects under
 Pathology and parasitism)
 639 **Decapoda**
 681 **Deceptive actions** (See also: Mimicry)
 595 **Deep scattering layer**
Deep water collecting
 736 **Deep water observation**
 681 **Defensive spines** (See also: Venomous fish)
 444 **Definition of species taxon** (See also: Speciation)
 548 **Delayed fertilization**
Delayed hatching (See also: Development out of water)

Cerebellum
to
Delayed hatching

- Dendritic organ to Enzymology**
- Dendritic organ**
 - Density dependent regulation** (See also: Group effect, Intraspecific competition, Waterborne antigrowth factor, Waterborne antireproductive factor)
 - Description of fish** (See: Diagnosis, General structure and behavior, Gross external anatomy, Identifying Characters, Redescription)
 - 724 Detergent pollutants**
 - 695 Detour learning**
 - 563 Developing egg** (See also: General embryology)
 - Development** (See: Change with age and under Life history, as well as the Development and Developmental analysis of various structures, organs, and systems)
 - Development disorders** (See also: Abnormality of various structures, organs, and systems)
 - 701 Development out of water**
 - 583 Devonian**
 - 444 Dextrality or sinistrality**
 - Diagnosis** (See also: Identifying characters)
 - 486 Diencephalon**
 - 576 Dietary requirements**
 - 560 Differential sex mortality** (See also: Sex ratio)
 - 621 Digenea** (See also: Helminth diseases)
 - Digestion** (See: Bile, Gastric digestion, Gastric juices and enzymes, Intestinal digestion, Intestinal juices and enzymes, Pancreatic enzymes, Rectal digestion)
 - Digestive system** (See: Feeding, Gut, Larval feeding organs)
 - 531 Digging** (See: Burrowing underwater)
 - Diseases of fishes** (See under Pathology and parasitism, as well as Abnormality of various structures, organs, and systems)
 - 702 Disorders in captivity** (See also under Pathology and parasitism)
 - 740 Displacement detection** (See also: Lateral line and under Spatial orientation)
 - 492 Dissecting** (See also: Surgical technique)
 - Distribution** (See also: Check list, Faunal list, Vertical distribution, Zoogeography, and under Geographic distribution)
 - 654 Distribution of infection**
 - 594 Distribution within habitat**
 - 452 DNA content and function**
 - Dogfish shark** (See: Carcharhinidae, Scyliorhinidae, Squalidae)
 - Domesticated fish** (See also: Captive vs natural fish, Effects of gentling, Pet fish, and under Fish culture, Maintaining live fish, and Selection effects)
 - 731 Dominance social hierarchy** (See also: Aggressive behavior and under Group behavior)
 - 698 Dorsal fin** (See also: Illicium, Ventrillum)
 - 446 Dorsal fin muscles**
 - 479 Dorsal fin skeleton**
 - 700 Double monsters**
 - Drawing devices and techniques**
 - Drinking** (See: Water ingestion)
 - Drive or motivation** (See also: Appetitive and consummatory behavior)
 - 697 Drum** (See: Sciaenidae)
 - Dry preservation**
 - Dystrophic lakes**
 - Ear** (See: Labyrinth)
 - 493 Ear functions** (See also: Aural signals)
 - Eating large plants**
 - 643 Echinodermata**
 - Ecological techniques** (See also: Collecting fish, Habitat preservation, Lake and stream surveys, Marking and tagging, Observing live fish, Sound analysis, and under Environment manipulation)
 - 744 Ecology** (See also most other subjects)
 - 589 Ecotypes** (See also under Intraspecific variation)
 - 587 Eel, common edible** (See: Anguillidae)
 - 331 Eel, marine** (See: Anguilliformes and subgroups)
 - Effects of experience** (See also: Behavioral habituation, Imprinting, Learned vs unlearned behavior, Memory mechanisms, Naive responses to stimuli, and under Training techniques)
 - 697 Effects of gentling** (See also: Handling methods and effects, Stress reactions)
 - 695 Effects of isolation** (See also: Sensory deprivation)
 - Efficiency** (See: Energy conversion efficiency, Pondfish productivity, Population bioenergetics, Productivity)
 - Egg** (See also: Developing egg, Mass measuring and counting eggs, Measuring egg abundance, and under Fish culture, General embryology, Ovary, and Reproduction)
 - 561 Egg immaturity**
 - 693 Egg laying** (See also: Mating)
 - 562 Egg overripeness**
 - Egg retention**
 - 561 Egg size**
 - Electric brain stimulation** (See also: Nervous electrophysiology)
 - 695 Electric eel** (See: Electrophoridae)
 - 372 Electric organs**
 - 481 Electric ray** (See: Torpedinidae)
 - 736 Electric shocking**
 - Electrical conductivity and resistance** (See: Passive electrical properties)
 - 494 Electrical senses**
 - 494 Electrical sensitivity**
 - Electricity** (See: Galvanotaxis, Muscular electrophysiology, Nervous electrophysiology)
 - Electroencephalographic studies** (See also: Nervous electrophysiology)
 - Electron microscopy** (See also: Ultrastructure of various structures and organs)
 - 740 Electrophoresis**
 - 740 Electrophoresis**
 - 494 Electrophoresis organs**
 - Embryo antimetabolite treatment**
 - 564 Embryo behavior**
 - Embryo biochemical treatment**
 - 744 Embryo chemical treatment**
 - Embryo extract treatment of embryo**
 - Embryo immunological treatment**
 - Embryo light treatment**
 - 564 Embryo physiology**
 - Embryo radioactive treatment**
 - Embryo surgery**
 - 744 Embryo transplantation**
 - 744 Embryo vital dye treatment**
 - 564 Embryogenesis**
 - Embryology** (See: Development and Developmental analysis of various structures, organs, and systems, as well as under Life history)
 - Embryological techniques**
 - Emotional color change** (See also: Short term adaptive color change)
 - 466 Endangered species** (See also: Extinction, Reduction of range by man)
 - 724 Endemism** (See also: Zoogeography)
 - 656 Endocrine system** (See also: Biochemistry of fishes, Color change, Interstitial tissue, Ovarian endocrine tissue, Pineal endocrinology)
 - 501 Endostyle**
 - 513 Energy consumption** (See also: Metabolic rate, Population bioenergetics)
 - 575 Energy conversion efficiency**
 - Entoprocta**
 - 719 Entrainment** (See also: Dams and barriers, Fishways)
 - 732 Entry into human orifices**
 - Environment control devices fish and Physiological techniques**
 - 743 Environment manipulation** (See also under Ecological techniques and Fish conservation)
 - Environmental factors** (See also other subjects under Ecology, and under Conservation of fish, Cyclical changes, Fisheries improvement, and Pathology and parasitism)
 - 595 Enzymology** (See also: Biochemical blood constituents, Biochemical extraction techniques, Gastric juices and enzymes, Intestinal juices and enzymes, Pancreatic

- enzymes, and other subjects under Biochemistry of fishes)
- 584 **Eocene**
- 482 **Ependyma**
- Epiboly** (See: Cleavage and epiboly)
- 533 **Epibranchial organ**
- Epinephrin** (See: Adrenaline)
- 590 **Epipelagic zone**
- 700 **Epizootics**
- Erythrocytes** (See also: Sexually dimorphic blood cell counts)
- 525 **Esophageal pouch**
- Esophageal respiration**
- 547 **Estrogens**
- Estuary** (See: Brackish environment)
- 639 **Euphausiacea**
- 748 **Europe**
- 592 **Eutrophic lakes**
- Eutrophication** (See: Habitat eutrophication)
- Evolution** (See also: Comparative enzymology, Geographic distribution, Host and parasite phylogeny, Nucleic acids, Population genetics, and the Adaptive evolution, Descriptive evolution, and Relationships of structures, organs, systems, habitats, and systematic groups)
- 582 **Evolutionary adaptation** (See also under Evolutionary processes and variation, and Adaptive evolution of various structures, organs, systems, and habitats)
- Evolutionary processes and variation**
- 663 **Exclusion principle** (See also under Population dynamics)
- Excretory system** (See also: Carbon dioxide transport, Gas transport by blood, Gill excretion, Nitrogen transport, Rectum, Sexually dimorphic kidney, Urinogenital muscles)
- 542 **Exercise** (See also: Swimming chambers, Swimming endurance, and under Intermediary metabolism)
- 576 **Exophthalmos producing substance**
- Expansion of range by man** (See also: Artificial propagation and planting, Introduction for fishery, Use in biological control)
- 655 **Expansion of range by natural means** (See also: Stream capture, zoogeography, and under Geographic distribution)
- 655 **Expedition**
- 734 **Experience** (See: Behavioral habituation, Effects of experience, Imprinting, Learned vs unlearned behavior, Memory mechanisms, and under Training techniques)
- Experimental embryology** (See: Developmental analysis of various structures, organs, and systems, and also Embryological techniques)
- Experimental ichthyology** (See: Experimental analysis of structures, organs, systems, and processes)
- 724 **Explosions underwater**
- 585 **Explosive radiation**
- External administration** (See also: Anesthetics, Fish control agents, Marking and tagging, Treatment for disease)
- 498 **External eye structure**
- External gas bladder opening**
- 520 **External gills**
- 496 **External nares**
- 467 **External skeleton** (See also: Scalation, Spines)
- 585 **Extinction** (See also: Endangered species)
- 695 **Extinction of conditioned response**
- 497 **Eye**
- 480 **Eye muscles**
- Facial nerve**
- 593 **Fast flowing streams** (See also: Torrential streams)
- Fat** (See: Lipid and fatty acid content, Lipid metabolism)
- 545 **Fat body**
- 577 **Fat requirements**
- 442 **Faunal list**
- 550 **Fecundity** (See also: Recruitment)
- Feeding** (See also: Availability and use of food, Cannibalism, Food chains, Forcefeeding, Larval feeding organs, Selfregulation of food intake, and under Artificial rearing environments, Gut, and Nutrition)
- 676 **Feeding analysis methods** (See also: Gut contents)
- 745 **Feeding captive fish** (See also: Forcefeeding and under Artificial rearing environments)
- 739 **Feeding on parent** (See also: Food secreting skin cells)
- 679 **Female genital papilla**
- 552 **Female heterogamety**
- Fertility**
- 562 **Fertilization** (See also: Artificial fertilization)
- 734 **Field station**
- Field work** (See: Collecting fish, Ecological techniques, Fossil fish techniques, Observing live fish, Photographing and illustration, Wet preservation)
- 682 **Fighting** (See also under Aggressive behavior)
- Filefish** (See: Balistidae)
- Filtration and circulation** (See also under Aquaria and water systems)
- 678 **Fin clipping for food**
- Fin muscles**
- Fin rot disease**
- 470 **Fish skeletal supports**
- Fins** (See also: Hydrodynamics, Larval locomotor organs, Sexually dimorphic fins, and under Appendicular skeleton, Copulatory organs, and Gross external anatomy)
- 470 **Fish and human culture** (See also under Relations of fish and man)
- Fish as food** (See also under Body content and Fish and medicine)
- 733 **Fish communities**
- 589 **Fish conservation** (See also under Fisheries improvement)
- 724 **Fish control agents**
- Fish cultural methodology** (See also: Artificial propagation and planting, and under Maintaining live fish)
- 725 **Fish cultural statistics**
- 725 **Fish culture**
- Fish for education and entertainment**
- 725 **Fish guidance** (See also: Fishways)
- 733 **Fish in art**
- 733 **Fish in history**
- Fish in literature**
- Fish in mythology**
- 733 **Fish in religion**
- 724 **Fish kill** (See also: Mass mortalities, Winterkill)
- 703 **Fish mycobacteriosis**
- 731 **Fish transportation** (See also: Transportation)
- Fish-to-fish relationships** (See also other subjects under Ecology and subjects under Behavior)
- 645 **Fisheries improvement**
- Fishery dynamics** (See also: Mathematical population models, and Population dynamics)
- 708 **Fishery products**
- 708 **Fishery statistics**
- 705 **Fishing and fisheries**
- Fishing gear selectivity** (See also: Sampling in fisheries and under Collecting fish)
- 707 **Fishing methods** (See also: Collecting fish)
- 713 **Fishing mortality**
- 717 **Fishways** (See also: Fish guidance)
- 696 **Fixed action patterns** (See also under Behavior)
- Flatfish** (See: Pleuronectiformes and subgroups)
- Flounder** (See: Bothidae, Pleuronectidae)
- Fluorescence**
- Flying** (See: Aerial locomotion)
- Flyingfish** (See: Exocoetidae)
- Follicle stimulating hormone**
- 668 **Food chains** (See also: Feeding)
- Food secreting skin cells** (See also: Feeding on parent)
- Forcefeeding**
- Forebrain** (See: Telencephalon)
- Forehead** (See: Gibbous forehead, Head, Skull)
- 746 **Fossil fish techniques**
- 583 **Fossil fishes**
- Freshwater benthic zone**

Eocene
to
Freshwater benthic zone

- Freshwater environment to Hemoglobin**
- Freshwater environment**
- Freshwater littoral zone**
- 566 Fry
- Functional disorders
- Fungi
- 704 Fungus diseases
- 703 Furunculosis disease
- 542 Gall bladder
- 494 Galvanotaxis (See also: Electric shocking)
- Ganoid scales (See: Armored scales)
- Gar, freshwater (See: Semionotomorpha)
- Gar, marine (See: Belontiidae)
- Gas bladder (See also: Hydrostatics, Sexually dimorphic)
- 520 gas bladder
- 521 Gas bladder capacity
- Gas bladder diverticula (See also: Aural gas bladder diverticula)
- 679 Gas bladder filling
- 480 Gas bladder muscles
- 520 Gas bladder respiration (See also: Lung)
- 699 Gas bubble disease
- Gas measurements (See also under Environment control devices, Metabolism measurements)
- 521 Gas secretion and absorption (See also under Gas bladder)
- Gas transport by blood (See also: Carbon dioxide transport, Oxygen transport)
- 531
- 536 Gastric digestion
- Gastric inflation mechanism (See also: Self inflation)
- 536 Gastric juices and enzymes
- 515 Gastrointestinal hormones
- 564 Gastrulation
- 586 Geminate species
- General cytology (See also: Cytology of various structures and organs)
- General embryology (See also: Development, and Developmental analysis of various structures, organs, and systems)
- 560
- General function
- General histology (See also: Histology of various structures and organs)
- General light sensitivity (See also under Visual senses)
- 444 General structure and behavior (usually popular articles)
- General sub-cellular structure (See also: Ultrastructure of various structures and organs)
- 702 Genetic disease resistance (See also: Artificial selection)
- 579 Genetics (See also: Behavior genetics)
- Genotype
- Gentling (See: Effects of gentling, Handling methods and effects, Stress reactions)
- Geographic barriers (See also: Zoogeography and under Geographic distribution)
- 656 Geographic distribution (See also: Check list, Faunal list, Zoogeography, and under Intraspecific variation, and the Distribution and Habitat preference of systematic groups)
- 654
- 747 Geographic Index
- Geographic variation (See also: Subspecies of various species)
- 586
- Geography of popular names
- 562 Germ cell origin
- 700 Gerontological pathologies (See also: Senescence)
- 560 Gibbous forehead
- 534 Gill arch teeth
- 471 Gill arches
- 679 Gill cleaning
- Gill excretion (See also: Carbon dioxide transport, Nitrogen transport)
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- 479 Gill muscles
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- 519 Gill ventilation mechanics
- 516 Gills
- 535 Gizzard
- 482 Glia
- 544 Glomerulus
- 489 Glossopharyngeal nerve
- Glucose content** (See also: Carbohydrate metabolism, Oxidative metabolism)
- 450
- 505 Glumitocin
- Glycogen content (See also: Carbohydrate metabolism, Oxidative metabolism)
- 450
- Goatfish (See: Mullidae)
- Goby (See: Gobioidae and subgroups)
- 354 Goldfish (See: Cyprinidae)
- 509 Gonadotroph
- 509 Gonadotropin (See also: Hormone induced reproduction)
- 557 Gonopodium
- Gravity detection (See also under Spatial orientation)
- 678 Grazing
- 444 Gross external anatomy
- 683 Group behavior
- 685 Group effect (See also: Density dependent regulation)
- Growth (See also: Age and growth techniques, Allometry, Energy conversion efficiency, Neoplastic diseases, Population changes, Productivity, Rate of growth, Sexually dimorphic size, Waterborne antigrowth factor)
- 567
- 509 Growth hormone
- 509 Growth hormone cell
- Grunt (See: Pomadysidae)
- 472 Gular plate
- 314 Guppy (See: Poeciliidae)
- Gurnard (See: Triglidae)
- Gut (See also: Sexually dimorphic gut, and under Feeding and Nutrition)
- 531
- Gut contents (See also: Feeding analysis methods, and under various systematic groups, As food for fish)
- 678
- Gut muscles
- Gut respiration (See also: Branchial diverticula, Esophageal respiration, Oral respiration)
- 520
- 550 Gynogenesis (See also: Matroclinal inheritance)
- 719 Habitat destruction (See also: Reduction of range by man)
- 719 Habitat eutrophication
- 719 Habitat pollution
- 679 Habitat preference
- Habitat preservation (See also: Pollution abatement and under Environment manipulation)
- 725
- 590 Habitats
- Habituation (See: Behavioral habituation, Effects of experience)
- Hadal zone
- Hagfish (See: Myxiniomorpha)
- Hake (See: Gadidae, Merlucciidae)
- Halfbeak (See: Exocoetidae)
- Hammerhead shark (See: Sphyrnidae)
- Handling methods and effects (See also: Effects of gentling, Stress reactions)
- 738
- 582 Haploidy
- 726 Hatchery productivity
- 564 Hatching
- 564 Hatching glands
- Head
- Head muscles (See also: Eye muscles, Visceral skeletal muscles)
- 480
- 524 Headkidney (See also: Hemopoiesis)
- Hearing (See: Aquatic sound techniques, Aural gas bladder diverticula, Aural signals, Sound production, and under Mechanical senses, especially Lagena and Sound reception)
- 523 Heart
- Heart blood supply
- 480 Heart musculature
- 524 Heart nerve supply
- Heat (See: Temperature)
- 720 Heat pollution
- 720 Heavy metal pollutants
- Helminth diseases (See also: As parasite, under Acanthocephala, Cestoda, Hirudinea, Nematoda, and Trematoda)
- 705
- 531 Hemodynamics
- 528 Hemoglobin

- 524 **Hemopoiesis**
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- 542 **Hepatic detoxification**
- 699 **Hepatoma**
- 723 **Herbicide pollutants**
- 701 **Hereditary disorders**
- 557 **Hermaphroditic gonads**
- 321 **Herring** (See: Clupeidae)
- Heterogamety** (See: Female heterogamety, Male heterogamety)
- 581 **Heterosis**
- 512 **Heterotopic thyroid**
- 704 **Hexamita**
- 673 **Hibernation**
 Hiding (See also: Burrowing underwater, and under Color change and Self protection)
- 633 **Hirudinea**
- 740 **Histochemical techniques**
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- 740 **Histological preparation**
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- 706 **History of fisheries**
- 705 **History of fishing**
- 734 **History of ichthyology**
- 685 **Home range and homing** (See also: Territoriality)
 Homeostatic mechanisms (See also: Hepatic detoxification, Neuroendocrine feedback mechanisms, Regulatory respiratory mechanisms, Unilateral compensation)
- 460 **Homograft reaction** (See: Allograft reaction)
- 588 **Homology**
- Homonymy**
- Homozygosity** (See also: Inbreeding, Self fertilization)
- 727 **Hormone induced reproduction**
- 702 **Host and parasite phylogeny**
- 702 **Host parasite interactions**
- 702 **Host specificity**
 Hot springs (See: Mineral waters, Thermal springs)
- Hybrid** (See also: Artificial hybridization, Heterosis, Introgressive hybridization, Natural hybridization)
- 580 **Hybrid compatibility**
- 581 **Hybrid incompatibility**
- 581 **Hybrid inviability**
- 581 **Hybrid sterility**
- 550 **Hybridogenesis** (See also: Introgressive hybridization)
- 675 **Hydrodynamics** (See also: Body form)
 Hydrogen ion concentration (See also: Acid pollutants, Alkali pollutants, and various substances in water, especially Carbon dioxide)
- 609 **Hydrostatics** (See also: Larval hydrostatic mechanisms, and under Gas bladder)
- 674 **Hyoid arch**
- 701 **Hypertosis**
- Hypophysis** (See: Adenohypophysis, Neurohypophysis)
- 704 **Ich disease**
 Ichthyology (See: Science of ichthyology)
- 704 **Ichthyophonus disease**
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- 446 **Illicium** (See also: Luring and angling for food)
- Illicium skeleton**
- Immunization techniques** (See also: Immunological techniques)
- 531 **Immunochemical techniques**
- 531 **Immunocytes**
- 531 **Immunological analysis**
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- Immunological techniques** (See: Embryo immunological treatment, Immunization techniques, Immunochemical techniques)
- 743 **Impoundment manipulation** (See also: Reservoirs)
- Imprinting** (See also: Effects of experience)
- 744 **In vitro techniques** (See also: Tissue culture techniques)
- 580 **Inbreeding** (See also: Artificial selection)
- Incertae sedis** (See: Inc sed of systematic groups)
- Incidence of infection**
- Incubation patch**
- 749 **India**
- 753 **Indian ocean**
 Infectious and parasitic disorders (See also: Distribution of infection, Host parasite interactions, Incidence of infection, Intensity of infection, Parasite life history, Prophylactic treatment, Treatment for disease)
- 701 **Infectious pancreatic necrosis**
- Inflammatory response**
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- 586 **Inheritance** (See also: Behavior genetics, Genetic disease resistance, and under Genetics)
- 580 **Injecting** (See also under Anatomical preparation)
- 742 **Injection** (See also under Physiological techniques)
- Injury** (See: Wounds)
- Innervation** (See also the Innervation of various structures and organs)
- 483 **Inorganics in water** (See also: Ammonia, Carbon dioxide, Nitrogen, Oxygen, Salinity, Water hardness, Water pollutants)
- 610 **Insecta**
- 639 **Insecticide pollutants**
- 722 **Insecticide resistance** (See also: Pesticide content)
- 734 **Institution**
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- 694 **Instrumental conditioning**
- 515 **Insulin**
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- Intensity of infection**
- 454 **Intermediary metabolism**
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- Intermuscular bones** (See: Ribs)
- Internal administration** (See also: Forcefeeding)
- 496 **Internal nares**
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- 698 **Interocular transfer**
- Interspecific communication** (See also: Aural signals, Schreckstoffe, Visual signals, Warning display)
- Interspecific competition** (See also under Populations and Fish-to-fish relationships)
- 662 **Interstitial tissue**
- 554 **Intertidal zone**
- 537 **Intestinal digestion**
- 537 **Intestinal juices and enzymes**
- 536 **Intestine**
 Intraspecific communication (See also: Aural signals, Color change, Recognition of individual fish, Recognition of young, Sex recognition, Visual signals, Warning display, and under Social behavior)
- 696 **Intraspecific competition** (See also: Cannibalism, and under Populations and Fish-to-fish relationships)
- Intraspecific variation** (See: Intraspecific variation)
- Introduction for fishery** (See also: Expansion of range by man)
- 718 **Introggressive hybridization**
 Invalidation of scientific names
- 586 **Ion and water relationships** (See also: Chloride cells, Corpuscles of Stannius, Cortical hormones, Prolactin, Rectal gland, and under Biomembranes and Excretory system)
- 457 **Iris and pupil**
- 498 **Isoenzymes**
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- 585 **Isopoda**
- 639 **Isotocin**
- 505 **Jack** (See: Carangidae)
- 479 **Jaw muscles**
- Hemopoiesis to Jaw muscles**

- Jaws to Metabolism**
- 472 **Jaws** (See also: Mouth, Oral teeth)
- 583 **Jurassic**
- 544 **Juxtglomerular apparatus**
- Karyotype** (See: Caryotype)
- Key**
- Killifish** (See: Cyprinodontidae)
- 542 **Kidney** (See also: Sexually dimorphic kidney)
- 544 **Kidney modifications**
- Knifefish** (See: Gymnotiformes and subgroups)
- Laboratory** (See also: Use as test animal, and under Behavior in experiments and Techniques for studying fish)
- 694 **Laboratory analyzed behaviors**
- 492 **Labyrinth**
- Labyrinthfish** (See: Anabantoidei and subgroups)
- Lagena**
- 715 **Lake and stream surveys**
- 716 **Lake improvement** (See also: Habitat preservation)
- 592 **Lakes**
- Lamprey** (See: Petromyzontomorpha)
- Lapillus** (See also: Otoliths)
- Large specimen techniques**
- 564 **Larva**
- 566 **Larval cement glands**
- Larval circulation**
- 655 **Larval dispersion**
- 566 **Larval feeding organs** (See also: Yolk sac)
- 566 **Larval hydrostatic mechanisms**
- Larval integument**
- 566 **Larval locomotor organs**
- Larval pigmentation**
- Larval respiration**
- 566 **Larval sense organs**
- 491 **Lateral line**
- 491 **Lateral line pores and canals**
- 454 **LDH isoenzymes**
- 676 **Leaping**
- Learning** (See: Behavioral habituation, Effects of experience, Effects of gentling, Effects of isolation, Imprinting, Learned vs unlearned behavior, Memory mechanisms, and under Training techniques)
- 697 **Learned vs unlearned behavior**
- 442 **Lectotype designation**
- 664 **Length frequency** (See also: Population structure)
- Length weight relationship** (See: Weight length relationship)
- 498 **Lens**
- 592 **Lentic waters**
- 654 **Lethal environmental limits** (See also: Use as test animal)
- Leucocytes** (See also: Sexually dimorphic blood cell counts)
- 526 **Life history**
- 566 **Life span**
- Light** (See also: Circadian rhythms, Embryo light treatment, Orientation with light source, Pineal light sensitivity, and under Visual senses, especially Underwater optics)
- 602 **Limitations of selection**
- Limnetic zone**
- 449 **Lipid and fatty acid content**
- 456 **Lipid metabolism**
- Lipoproteins**
- 443 **List of types** (See also: Care of types)
- 590 **Littoral zone**
- Littoral zone improvement**
- Live cars** (See: Pounds and live cars)
- Livebearer** (See: Poeciliidae)
- 538 **Liver** (See also: Sexually dimorphic liver)
- 595 **Living space** (See also: Population density)
- Lizardfish** (See: Synodontidae)
- Loach** (See: Cobitidae)
- Lobefin** (See: Coelacanthini)
- Locking devices and holdfasts** (See also: Suckers)
- Locomotion** (See also: Exercise, Larval locomotor organs, Swimming chambers, and under Orientation and locomotion)
- 674 **Long term adaptive color change**
- Longevity** (See: Differential sex mortality, Life span, Natural mortality)
- 593 **Lotic waters**
- Luminescent organs** (See also: Sexually dimorphic photophore)
- 445 **Lumpfish** (See: Cyclopteridae)
- 670 **Lunar rhythms**
- 520 **Lung** (See also: Gas bladder respiration)
- Lungfish** (See: Dipnoi)
- 678 **Luring and angling for food** (See also: Illicium)
- 509 **Luteotropic hormone**
- 523 **Lymphatic system**
- 702 **Lymphocystis disease**
- Mackerel** (See: Scombridae)
- 495 **Magnetism sensitivity**
- Maintaining live fish** (See also: Fish cultural methodology, Use as test animal, and under Fish for education and entertainment)
- 738 **Maintenance energy requirements** (See also under Nutrition)
- 575 **Male accessory glands**
- 557 **Male genital papilla** (See also under Copulatory organs)
- Male heterogamety**
- 643 **Mammalia**
- Mammale habitats** (See also: Reservoirs and under Environment manipulation)
- 593 **Manta** (See: Mobulidae)
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- 590 **Marine environment**
- 736 **Marking and tagging techniques, Radioactive tracers**
- 700 **Mass mortalities** (See also: Fish kill, Winterkill)
- Massmeasuring and counting eggs** (See also: Measuring egg abundance)
- 617 **Mastigophora**
- Maternal effect**
- 567 **Mathematical growth analysis**
- Mathematical population models** (See also under Population dynamics)
- 745 **Mating** (See also: Copulatory organs)
- 692 **Mating** (See also: Copulatory organs)
- 550 **Matroclinal inheritance** (See also: Gynogenesis)
- 490 **Mauthner neurone**
- 575 **Maximum size**
- Maximum sustained yield** (See: Maximum yield)
- 714 **Maximum yield**
- 695 **Maze learning**
- Measuring egg abundance** (See also: Massmeasuring and counting eggs)
- 745 **Measuring larval abundance**
- Mechanical engineering of body** (See also: Hydrodynamics and under Biophysics of fishes)
- 491 **Mechanical senses**
- 460 **Mechanics of soft elastic tissues**
- 488 **Medulla oblongata**
- Melanism**
- Melanocyte stimulating hormone** (See also: Long term adaptive color change, MSH cell)
- 507 **Melanoma**
- 699 **Melanosis**
- 501 **Melatonin**
- 697 **Memory mechanisms** (See also: Effects of experience)
- 579 **Mendelian inheritance**
- 482 **Meninges**
- 740 **Meristic morphometric techniques**
- 444 **Meristics**
- 487 **Mesencephalon**
- 545 **Mesentery**
- 590 **Mesopelagic zone**
- 505 **Mesotocin**
- 583 **Mesozoic**
- 447 **Metabolic rate**
- Metabolism** (See: Energy consumption, Energy conversion efficiency, Maintenance energy)

requirements, Oxygen consumption, Oxygen debt, and under Intermediary metabolism)

743 Metabolism measurement

743 Metabolite collection

566 Metamorphosis

724 Microbiological ichthyotoxins

487 Metencephalon

618 Microsporidia

704 Microsporidiosis

749 Mideast

Migrations (See also: Seasonal abundance of various

686 systematic groups, and under Home range and homing)

727 Milt storage (See also: Artificial fertilization)

588 Mimicry

448 Mineral content

577 Mineral requirements

Mineral waters (See also: Inorganics in water, Thermal

592 springs)

Minnow, freshwater (See: Cyprinidae)

584 Miocene

Mississippian

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Mathematical population models)

734 Models and exhibitions (See also: Museum exhibit fish)

640 Mollusca

619 Monogenea

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Moray eel (See: Muraenidae)

Mormyromasts

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444 Morphometrics

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445 Mouth (See also: Buccal cavity, Jaws, Oral teeth)

Mouthbreeding (See: Oral brooding)

507 MSH cell

466 Mucus

466 Mucus glands

590 Mudflats

Mudminnow (See: Umbridae)

Mullet (See: Mugilidae)

695 Multiple choice testing

Muscle contractile process

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Muscles (See also: Axial skeletal muscles, Mechanical

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474 Red muscles, Sexually dimorphic muscles)

481 Muscular electrophysiology (See also: Synapses)

734 Museum

Museum exhibit fish (See also: Models and exhibitions)

604 Mutagenic agents (See also: Radioactivity)

582 Mutations

474 Myodome

618 Myxosporidia

705 Myxosporidiosis

697 Naive responses to stimuli (See also: Effects of experience)

496 Narial lamellae

496 Narial water-moving devices

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hybridization, Isolating mechanisms, and under

580 Hybrid)

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Natural mortality (See also: Differential sex mortality,

712 and under Population dynamics)

588 Natural selection (See also: Population genetics)

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628 Nematoda

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Nervous system (See also: Color change, Embryo

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482 Nervous system interference (See also: Nerve

695 degeneration and under Behavior in experiments)

693 Nest construction

734 Netting

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Neuroendocrine environment reaction (See also: Cyclical

505 changes)

505 Neuroendocrine feedback mechanisms

504 Neuroendocrine substances

501 Neuroendocrine system (See also: Saccus vasculosus)

Neurohypophysis (See also: Adenohypophysis, Sexually

503 dimorphic pituitary)

491 Neuromasts

482 Neurons

501 Neurosecretion in brain

504 Neurosecretion in spinal cord

443 New family

443 New genus

443 New name

441 New species

442 New subspecies

441 New taxonomic unit (See also items above)

613 Nitrogen (See also: Gas bubble disease)

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